

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043530.D
 Acq On : 22 Dec 2023 08:11
 Operator : MA/JU
 Sample : PB157941BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS941

Quant Time: Dec 23 01:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	207921	20.000	ng/u1	0.00
20) Naphthalene-d8	10.780	136	906575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	500024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	974111	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	889108	20.000	ng/u1	0.00
88) Perylene-d12	23.938	264	958485	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	38888	6.079	ng/uL	0.00
4) Pyridine-d5	3.793	84	553538	30.063	ng/u1	0.00
7) Phenol-d5	7.128	99	678897	28.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	435180	29.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	498552	27.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	500356	27.261	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	237625	27.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	231847	25.582	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	436922	27.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	644318	27.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1247185	27.707	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1531752	28.686	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	273941	32.155	ng/u1	0.00
60) Fluorene-d10	15.598	176	1077398	28.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	169822	26.360	ng/u1	0.00
73) Anthracene-d10	17.451	188	1601868	29.322	ng/u1	0.00
81) Pyrene-d10	19.739	212	1707158	24.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1772410	29.966	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	81382	11.514	ng/uL#	92
5) Pyridine	3.810	79	576452	30.274	ng/u1	95
6) Benzaldehyde	7.116	77	358962m	32.007	ng/u1	
8) Phenol	7.157	94	672610	28.905	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.404	93	540906	28.633	ng/u1	99
12) 2-Chlorophenol	7.528	128	513407	27.907	ng/u1	96
13) 2-Methylphenol	8.416	108	483055	27.339	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.498	45	920301	29.010	ng/u1	98
16) Acetophenone	8.804	105	781592	27.814	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.792	70	433734	25.861	ng/u1	96
18) 4-Methylphenol	8.745	108	521528	27.234	ng/u1	99
19) Hexachloroethane	9.045	117	215915	27.834	ng/u1	97
22) Nitrobenzene	9.186	77	632761	29.150	ng/u1	97
23) Isophorone	9.710	82	1136735	25.815	ng/u1	99
25) 2-Nitrophenol	9.892	139	260125	27.007	ng/u1	95
26) 2,4-Dimethylphenol	9.951	107	468725	27.318	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.198	93	705155	27.121	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	420908	27.110	ng/u1	97
30) Naphthalene	10.828	128	1604106	27.763	ng/u1	100
32) 4-Chloroaniline	10.945	127	594008	26.245	ng/u1	99
33) Hexachlorobutadiene	11.098	225	198157	25.032	ng/u1	95
34) Caprolactam	11.733	113	148300m	29.890	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	498498	27.335	ng/u1	99
36) 2-Methylnaphthalene	12.433	142	1047840	26.642	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043530.D
 Acq On : 22 Dec 2023 08:11
 Operator : MA/JU
 Sample : PB157941BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS941

Quant Time: Dec 23 01:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1035801	26.111	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	391932	25.725	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	211815	22.158	ng/ul	96
41) 2,4,6-Trichlorophenol	13.039	196	281226	25.969	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	316911	27.561	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1314989	27.588	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1016150	27.807	ng/ul	99
45) 2-Nitroaniline	13.698	65	367558	29.994	ng/ul	97
47) Dimethylphthalate	14.074	163	1259620	28.336	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	238072	27.701	ng/ul	94
50) Acenaphthylene	14.327	152	1742647	28.420	ng/ul	99
51) 3-Nitroaniline	14.521	138	267105	27.073	ng/ul	96
52) Acenaphthene	14.668	153	1150489	28.468	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	109175	23.863	ng/ul	91
55) 4-Nitrophenol	14.821	109	222447	33.626	ng/ul	94
56) Dibenzofuran	15.004	168	1477234	28.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	363248	29.916	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.227	232	233951	26.556	ng/ul	95
59) Diethylphthalate	15.433	149	1342702	29.475	ng/ul	99
61) Fluorene	15.651	166	1297537	29.100	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	533391	27.195	ng/ul	97
63) 4-Nitroaniline	15.680	138	303145	33.569	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	182099	26.475	ng/ul	93
67) N-Nitrosodiphenylamine	15.863	169	1032498	27.595	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	289241	25.063	ng/ul	94
69) Hexachlorobenzene	16.645	284	358303	27.100	ng/ul	98
70) Atrazine	16.821	200	297599	36.287	ng/ul	99
71) Pentachlorophenol	16.992	266	211966	26.519	ng/ul	97
72) Phenanthrene	17.392	178	1931381	29.254	ng/ul	100
74) Anthracene	17.480	178	1972495	29.604	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	388369	24.277	ng/uL	100
76) Pentachlorobenzene	14.916	250	381003	24.459	ng/uL	96
77) Carbazole	17.756	167	1908909	33.568	ng/ul	99
78) Di-n-butylphthalate	18.327	149	2386806	32.105	ng/ul	99
80) Fluoranthene	19.403	202	2079022	23.917	ng/ul	99
82) Pyrene	19.762	202	2224852	24.897	ng/ul	96
83) Butylbenzylphthalate	20.674	149	1072209	27.751	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.450	252	642181	29.327	ng/ul	98
85) Benzo(a)anthracene	21.509	228	2144384	28.843	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1687400	30.677	ng/ul	99
87) Chrysene	21.568	228	1986811	29.705	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2700860	29.457	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	2058291	28.023	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	2180103	30.432	ng/ul	100
93) Benzo(a)pyrene	23.833	252	2032952	30.336	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.456	276	2544756	31.803	ng/ul	98
95) Dibenzo(a,h)anthracene	26.479	278	2146860	32.401	ng/ul	99
96) Benzo(g,h,i)perylene	27.226	276	1987660	31.689	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

