

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042890.D
 Acq On : 18 Nov 2023 20:57
 Operator : MA/JU
 Sample : PB157227BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS227

Quant Time: Nov 18 22:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	26364	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	106910	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	75148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	179948	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	224891	20.000	ng/u1	# 0.00
88) Perylene-d12	23.768	264	245658	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4774	5.682	ng/uL	0.00
4) Pyridine-d5	3.610	84	63143	30.212	ng/u1	0.00
7) Phenol-d5	6.981	99	76076	29.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	56908	31.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	55013	27.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	56436	27.934	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	26863m	28.659	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	28965	26.415	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	60120	29.487	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	68221	26.353	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	197136	27.718	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	215408	28.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	23761	29.570	ng/u1	0.00
60) Fluorene-d10	15.463	176	174922	29.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	36100	26.485	ng/u1	0.00
73) Anthracene-d10	17.327	188	288879	28.645	ng/u1	0.00
81) Pyrene-d10	19.621	212	402615	27.339	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	437717	29.788	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	10411	11.635	ng/uL#	78
5) Pyridine	3.628	79	69629	30.638	ng/u1	98
6) Benzaldehyde	6.981	77	51651	35.085	ng/u1	89
8) Phenol	7.004	94	87840	34.417	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.257	93	69816	33.116	ng/u1	93
12) 2-Chlorophenol	7.369	128	64151	32.558	ng/u1#	86
13) 2-Methylphenol	8.263	108	59983	31.516	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	140917m	36.718	ng/u1	
16) Acetophenone	8.669	105	106874	31.460	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.634	70	69410	33.564	ng/u1	93
18) 4-Methylphenol	8.598	108	63807	30.836	ng/u1	93
19) Hexachloroethane	8.863	117	37249	33.918	ng/u1	84
22) Nitrobenzene	9.057	77	101054	35.671	ng/u1	95
23) Isophorone	9.563	82	182512	32.347	ng/u1	97
25) 2-Nitrophenol	9.757	139	35706	32.051	ng/u1	89
26) 2,4-Dimethylphenol	9.804	107	60248	25.276	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	98853	34.670	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	64784	33.561	ng/u1	97
30) Naphthalene	10.675	128	217862	32.528	ng/u1	99
32) 4-Chloroaniline	10.828	127	67248	27.078	ng/u1	97
33) Hexachlorobutadiene	10.898	225	55784	32.715	ng/u1	98
34) Caprolactam	11.651	113	19182m	33.514	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	68943	33.331	ng/u1	96
36) 2-Methylnaphthalene	12.286	142	148213	33.017	ng/u1	98

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37) 1-Methylnaphthalene	12.510	142	150918	31.976	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	98180	33.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.580	237	33951	24.332	ng/ul	93
41) 2,4,6-Trichlorophenol	12.904	196	57522	31.953	ng/ul	94
42) 2,4,5-Trichlorophenol	12.980	196	57856	33.283	ng/ul	97
43) 1,1'-Biphenyl	13.304	154	206088	32.884	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	165386	32.804	ng/ul	95
45) 2-Nitroaniline	13.604	65	66147	40.230	ng/ul	87
47) Dimethylphthalate	13.939	163	223807	32.308	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	41927	32.216	ng/ul	86
50) Acenaphthylene	14.198	152	283734	33.275	ng/ul	100
51) 3-Nitroaniline	14.439	138	34515	32.433	ng/ul	94
52) Acenaphthene	14.533	153	192897	33.450	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	17414	26.911	ng/ul	93
55) 4-Nitrophenol	14.733	109	45235	35.774	ng/ul	95
56) Dibenzofuran	14.874	168	273745	34.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	68238	35.715	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.092	232	59799	33.140	ng/ul#	98
59) Diethylphthalate	15.292	149	242703	33.411	ng/ul	99
61) Fluorene	15.521	166	241931	35.602	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	132744	36.246	ng/ul	98
63) 4-Nitroaniline	15.610	138	36617m	37.741	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	44058	31.749	ng/ul	90
67) N-Nitrosodiphenylamine	15.739	169	184992	32.778	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	77621	32.406	ng/ul	93
69) Hexachlorobenzene	16.492	284	94276	32.196	ng/ul	98
70) Atrazine	16.692	200	57288	26.352	ng/ul	97
71) Pentachlorophenol	16.857	266	50731	30.087	ng/ul	97
72) Phenanthrene	17.268	178	387759	34.493	ng/ul	99
74) Anthracene	17.362	178	390279	34.515	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	97811	30.740	ng/uL	100
76) Pentachlorobenzene	14.763	250	102515	30.705	ng/uL	98
77) Carbazole	17.651	167	321550	34.438	ng/ul	99
78) Di-n-butylphthalate	18.168	149	457658	33.520	ng/ul	98
80) Fluoranthene	19.286	202	519118	30.916	ng/ul	99
82) Pyrene	19.651	202	567497	31.874	ng/ul	99
83) Butylbenzylphthalate	20.533	149	224152	29.476	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.345	252	171010	29.711	ng/ul	97
85) Benzo(a)anthracene	21.397	228	602109	34.106	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	337005	29.209	ng/ul	99
87) Chrysene	21.450	228	586017	34.228	ng/ul	98
89) Di-n-octyl phthalate	22.186	149	601358	30.305	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	612118	36.512	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	619352	34.705	ng/ul	100
93) Benzo(a)pyrene	23.668	252	581033	35.567	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	721518	35.538	ng/ul	97
95) Dibenzo(a,h)anthracene	26.238	278	603116	35.831	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	563779	34.970	ng/ul	99

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

