

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
 Data File : BM044487.D
 Acq On : 02 Mar 2024 01:09
 Operator : MA/JU
 Sample : PB159255BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS255

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 02 03:35:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 02 03:32:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.192	152	195798	20.000	ng/u1	-0.06
20) Naphthalene-d8	11.039	136	793111	20.000	ng/u1	-0.06
38) Acenaphthene-d10	14.845	164	436240	20.000	ng/u1	-0.05
64) Phenanthrene-d10	17.592	188	842007	20.000	ng/u1	-0.05
79) Chrysene-d12	21.774	240	798864	20.000	ng/u1	-0.04
88) Perylene-d12	24.380	264	908821	20.000	ng/u1	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	41610	6.705	ng/uL	-0.02
4) Pyridine-d5	3.893	84	569600	33.609	ng/u1	-0.04
7) Phenol-d5	7.351	99	637734	34.000	ng/u1	-0.05
9) Bis-(2-Chloroethyl)eth...	7.528	67	404754	33.323	ng/u1	-0.05
11) 2-Chlorophenol-d4	7.710	132	509828	36.089	ng/u1	-0.05
15) 4-Methylphenol-d8	8.928	113	465835	32.823	ng/u1	-0.06
21) Nitrobenzene-d5	9.386	128	243174	37.710	ng/u1	-0.06
24) 2-Nitrophenol-d4	10.116	143	260364	39.574	ng/u1	-0.06
28) 2,4-Dichlorophenol-d3	10.657	165	440468	37.953	ng/u1	-0.06
31) 4-Chloroaniline-d4	11.192	131	583277	29.925	ng/u1	-0.06
46) Dimethylphthalate-d6	14.280	166	1158885	34.445	ng/u1	-0.05
49) Acenaphthylene-d8	14.545	160	1418155	36.636	ng/u1	-0.05
54) 4-Nitrophenol-d4	15.063	143	236490	35.324	ng/u1	-0.05
60) Fluorene-d10	15.839	176	1005479	35.309	ng/u1	-0.05
65) 4,6-Dinitro-2-methylph...	15.962	200	169908	32.521	ng/u1	-0.05
73) Anthracene-d10	17.692	188	1496056	37.263	ng/u1	-0.05
81) Pyrene-d10	19.974	212	1760458	36.630	ng/u1	-0.04
92) Benzo(a)pyrene-d12	24.209	264	1807113	38.805	ng/u1	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	89381	13.664	ng/uL	94
5) Pyridine	3.916	79	610011	34.404	ng/u1	96
6) Benzaldehyde	7.322	77	301106	36.982	ng/u1	98
8) Phenol	7.381	94	678588	34.805	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.622	93	560897	34.370	ng/u1	99
12) 2-Chlorophenol	7.745	128	535868	36.665	ng/u1	97
13) 2-Methylphenol	8.657	108	488388	34.001	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.739	45	751974	33.702	ng/u1	97
16) Acetophenone	9.045	105	778701	34.343	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.033	70	395706	34.838	ng/u1	100
18) 4-Methylphenol	8.992	108	518775	33.904	ng/u1	97
19) Hexachloroethane	9.281	117	225070	36.301	ng/u1	96
22) Nitrobenzene	9.428	77	578450	37.091	ng/u1	98
23) Isophorone	9.963	82	1087743	35.988	ng/u1	99
25) 2-Nitrophenol	10.145	139	283733	38.884	ng/u1	95
26) 2,4-Dimethylphenol	10.216	107	399311	28.659	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.463	93	709898	36.129	ng/u1	99
29) 2,4-Dichlorophenol	10.686	162	444254	37.823	ng/u1	100
30) Naphthalene	11.086	128	1648228	36.541	ng/u1	99
32) 4-Chloroaniline	11.216	127	489281	25.760	ng/u1	97
33) Hexachlorobutadiene	11.369	225	265182	37.475	ng/u1	98
34) Caprolactam	12.004	113	138848	34.198	ng/u1	97
35) 4-Chloro-3-methylphenol	12.333	107	464637	37.131	ng/u1	98
36) 2-Methylnaphthalene	12.692	142	1025429	35.691	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.910	142	1004097	35.353	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.051	216	480918	37.240	ng/ul	99
40) Hexachlorocyclopentadiene	13.021	237	264950	30.494	ng/ul	98
41) 2,4,6-Trichlorophenol	13.298	196	304007	36.932	ng/ul	98
42) 2,4,5-Trichlorophenol	13.368	196	333548	37.483	ng/ul	97
43) 1,1'-Biphenyl	13.698	154	1273772	35.866	ng/ul	100
44) 2-Chloronaphthalene	13.733	162	1017424	36.587	ng/ul	100
45) 2-Nitroaniline	13.951	65	300289	39.003	ng/ul	98
47) Dimethylphthalate	14.327	163	1205587	35.060	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	243165	37.813	ng/ul	99
50) Acenaphthylene	14.574	152	1658794	36.178	ng/ul	100
51) 3-Nitroaniline	14.768	138	257131	37.901	ng/ul	99
52) Acenaphthene	14.910	153	1069840	35.344	ng/ul	99
53) 2,4-Dinitrophenol	14.974	184	102695	25.735	ng/ul	96
55) 4-Nitrophenol	15.074	109	164731	35.817	ng/ul	96
56) Dibenzofuran	15.245	168	1445688	35.578	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	348809	37.756	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.468	232	245378	34.264	ng/ul	99
59) Diethylphthalate	15.680	149	1241450	35.073	ng/ul	99
61) Fluorene	15.892	166	1153104	35.332	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.892	204	547456	35.593	ng/ul	98
63) 4-Nitroaniline	15.927	138	285800m	43.556	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.980	198	188500	32.982	ng/ul	99
67) N-Nitrosodiphenylamine	16.110	169	965466	37.837	ng/ul	100
68) 4-Bromophenyl-phenylether	16.792	248	321049	38.376	ng/ul	97
69) Hexachlorobenzene	16.886	284	361012	37.703	ng/ul	98
70) Atrazine	17.068	200	168319	20.137	ng/ul	99
71) Pentachlorophenol	17.239	266	205129	32.508	ng/ul	99
72) Phenanthrene	17.639	178	1803737	37.342	ng/ul	99
74) Anthracene	17.727	178	1819121	37.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.651	216	476611	40.437	ng/ul	98
76) Pentachlorobenzene	15.157	250	431169	38.319	ng/ul	99
77) Carbazole	18.009	167	1757610	38.435	ng/ul	100
78) Di-n-butylphthalate	18.580	149	2225402	38.435	ng/ul	100
80) Fluoranthene	19.639	202	2101408	36.457	ng/ul	100
82) Pyrene	20.003	202	2215499	36.651	ng/ul	98
83) Butylbenzylphthalate	20.915	149	1059524	39.023	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.697	252	654062	36.603	ng/ul	99
85) Benzo(a)anthracene	21.756	228	2318123	38.908	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.703	149	1635247	39.338	ng/ul	100
87) Chrysene	21.815	228	2142114	38.248	ng/ul	99
89) Di-n-octyl phthalate	22.709	149	2971012	38.155	ng/ul	100
90) Benzo(b)fluoranthene	23.580	252	2311222	39.669	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	2319391	38.759	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2198582	39.139	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.179	276	2637154	38.821	ng/ul	97
95) Dibenzo(a,h)anthracene	27.221	278	2213816	38.998	ng/ul	100
96) Benzo(g,h,i)perylene	28.044	276	2122204	38.621	ng/ul	99

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

