

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121124\
 Data File : BM048960.D
 Acq On : 11 Dec 2024 19:00
 Operator : RC/JU
 Sample : SSTD08064
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080003

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 12 00:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:21:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	206922	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	837087	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	464216	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	815118	20.000	ng/u1	0.00
79) Chrysene-d12	21.186	240	847730	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	733070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	179947	34.668	ng/uL	0.00
4) Pyridine-d5	3.540	84	1452016	101.507	ng/u1	0.00
7) Phenol-d5	6.763	99	1530955	97.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	1003447	106.060	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	1174204	89.990	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	1150137	92.861	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	552230	91.020	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	563960	87.391	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	1059554	88.382	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	1540834	90.487	ng/u1	0.00
46) Dimethylphthalate-d6	13.633	166	2655047	89.597	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	3423731	97.995	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	543269	98.706	ng/u1	0.01
60) Fluorene-d10	15.210	176	2401975	92.859	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.333	200	404359	98.611	ng/u1	0.00
73) Anthracene-d10	17.057	188	3679488	106.672	ng/u1	0.00
81) Pyrene-d10	19.357	212	4253808	99.986	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	3699916	108.022	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	193130	33.904	ng/uL	98
5) Pyridine	3.558	79	1509437	102.794	ng/u1	96
6) Benzaldehyde	6.728	77	620877	79.763	ng/u1	99
8) Phenol	6.787	94	1627227	98.461	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.016	93	1271214	97.878	ng/u1	100
12) 2-Chlorophenol	7.146	128	1216587	90.000	ng/u1	99
13) 2-Methylphenol	8.022	108	1134840	92.762	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.098	45	1845185	96.609	ng/u1	99
16) Acetophenone	8.393	105	1895786	98.194	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.393	70	1010441	111.367	ng/u1	97
18) 4-Methylphenol	8.351	108	1243182	92.806	ng/u1	99
19) Hexachloroethane	8.640	117	509597	89.208	ng/u1	95
22) Nitrobenzene	8.763	77	1445048	105.045	ng/u1	99
23) Isophorone	9.298	82	2570793	101.030	ng/u1	98
25) 2-Nitrophenol	9.463	139	628401	89.353	ng/u1#	93
26) 2,4-Dimethylphenol	9.540	107	1213221	92.356	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.775	93	1584783	99.777	ng/u1	99
29) 2,4-Dichlorophenol	9.998	162	1071377	88.104	ng/u1	97
30) Naphthalene	10.392	128	3633834	85.767	ng/u1	99
32) 4-Chloroaniline	10.504	127	1474804	91.854	ng/u1	99
33) Hexachlorobutadiene	10.687	225	677410	82.318	ng/u1	98
34) Caprolactam	11.292	113	317589m	82.864	ng/u1	
35) 4-Chloro-3-methylphenol	11.639	107	1087821	92.447	ng/u1	96
36) 2-Methylnaphthalene	12.010	142	2365400	87.253	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.233	142	2341756	84.172	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.386	216	1333153	100.218	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	793232	116.660	ng/ul	99
41) 2,4,6-Trichlorophenol	12.633	196	770701	91.721	ng/ul	99
42) 2,4,5-Trichlorophenol	12.704	196	821780	91.836	ng/ul	98
43) 1,1'-Biphenyl	13.039	154	2946928	92.842	ng/ul	98
44) 2-Chloronaphthalene	13.075	162	2359730	94.211	ng/ul	97
45) 2-Nitroaniline	13.286	65	747044	118.766	ng/ul	97
47) Dimethylphthalate	13.680	163	2658637	89.316	ng/ul	100
48) 2,6-Dinitrotoluene	13.792	165	534939	94.269	ng/ul	98
50) Acenaphthylene	13.928	152	3584116	93.068	ng/ul	99
51) 3-Nitroaniline	14.122	138	523022	84.873	ng/ul	99
52) Acenaphthene	14.275	153	2514211	92.734	ng/ul	99
53) 2,4-Dinitrophenol	14.327	184	267416	87.646	ng/ul	96
55) 4-Nitrophenol	14.445	109	404931	101.764	ng/ul	85
56) Dibenzofuran	14.616	168	3313880	88.603	ng/ul	95
57) 2,4-Dinitrotoluene	14.580	165	770411	93.401	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.845	232	635047	85.317	ng/ul#	95
59) Diethylphthalate	15.063	149	2639783	90.010	ng/ul	99
61) Fluorene	15.263	166	2923361	98.724	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.269	204	1549678	106.226	ng/ul	94
63) 4-Nitroaniline	15.292	138	474129	78.134	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.351	198	441789	99.005	ng/ul#	94
67) N-Nitrosodiphenylamine	15.480	169	2192161	102.040	ng/ul	97
68) 4-Bromophenyl-phenylether	16.163	248	763486	99.317	ng/ul	94
69) Hexachlorobenzene	16.269	284	893535	96.308	ng/ul	95
70) Atrazine	16.445	200	796505	101.869	ng/ul	97
71) Pentachlorophenol	16.610	266	546765	92.726	ng/ul	98
72) Phenanthrene	17.004	178	4111572	101.706	ng/ul	99
74) Anthracene	17.092	178	4248279	104.710	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	1241632	106.779	ng/uL	98
76) Pentachlorobenzene	14.533	250	1182474	104.373	ng/uL	98
77) Carbazole	17.363	167	3768829	103.131	ng/ul	99
78) Di-n-butylphthalate	17.951	149	4313574	100.399	ng/ul	99
80) Fluoranthene	19.021	202	4881073	98.880	ng/ul#	92
82) Pyrene	19.386	202	5304858	99.109	ng/ul#	92
83) Butylbenzylphthalate	20.315	149	1839874	89.486	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.104	252	1277064	82.912	ng/ul	99
85) Benzo(a)anthracene	21.168	228	5178165	96.898	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	2674085	89.155	ng/ul#	97
87) Chrysene	21.227	228	4804818	93.566	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	4321807	104.580	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	4592546	113.805	ng/ul#	96
91) Benzo(k)fluoranthene	23.186	252	4615931	114.723	ng/ul#	96
93) Benzo(a)pyrene	23.874	252	4270788	112.565	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.144	276	5150311	104.454	ng/ul	97
95) Dibenzo(a,h)anthracene	27.197	278	4263988	105.877	ng/ul	97
96) Benzo(g,h,i)perylene	28.121	276	3797496	98.226	ng/ul	97

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

