

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034590.D
 Acq On : 09 Apr 2022 09:41
 Operator : CG/JU
 Sample : PB143959BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS959

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

Quant Time: Apr 11 00:58:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	89980	20.000	ng/u1	0.00
20) Naphthalene-d8	10.684	136	375206	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.525	164	227673	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	458753	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.442	240	477372	20.000	ng/u1	# 0.00
88) Perylene-d12	23.824	264	508883	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	17896	7.092	ng/uL	0.00
4) Pyridine-d5	3.678	84	217328	35.688	ng/u1	0.00
7) Phenol-d5	7.037	99	265967	35.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	182430	36.555	ng/u1	0.00
11) 2-Chlorophenol-d4	7.407	132	218253	37.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.590	113	216430	36.996	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	105505m	38.260	ng/u1	0.00
24) 2-Nitrophenol-d4	9.766	143	106226	37.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	199844	36.967	ng/u1	0.00
31) 4-Chloroaniline-d4	10.825	131	233477	31.305	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	610104	37.086	ng/u1	0.00
49) Acenaphthylene-d8	14.219	160	759925	35.940	ng/u1	0.00
54) 4-Nitrophenol-d4	14.719	143	96409	38.434	ng/u1	0.00
60) Fluorene-d10	15.513	176	533755	37.545	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	102598	36.635	ng/u1	0.00
73) Anthracene-d10	17.365	188	812908	37.167	ng/u1	0.00
81) Pyrene-d10	19.654	212	995764	38.218	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	1015969	39.689	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	31766	12.503	ng/uL#	84
5) Pyridine	3.696	79	220715	33.170	ng/u1#	75
6) Benzaldehyde	7.007	77	171604	37.375	ng/u1	93
8) Phenol	7.066	94	256422	33.892	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.296	93	203761	33.372	ng/u1#	87
12) 2-Chlorophenol	7.437	128	207889	35.227	ng/u1#	87
13) 2-Methylphenol	8.325	108	189575	33.895	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.413	45	309602	33.914	ng/u1#	85
16) Acetophenone	8.701	105	309725	33.919	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.690	70	172493	35.490	ng/u1#	87
18) 4-Methylphenol	8.654	108	202081	33.964	ng/u1	98
19) Hexachloroethane	8.960	117	89689	33.789	ng/u1#	81
22) Nitrobenzene	9.084	77	247385	34.221	ng/u1	92
23) Isophorone	9.613	82	439048	34.201	ng/u1#	93
25) 2-Nitrophenol	9.795	139	109393	35.575	ng/u1#	89
26) 2,4-Dimethylphenol	9.860	107	230500	33.771	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.095	93	263151	34.071	ng/u1	99
29) 2,4-Dichlorophenol	10.331	162	185117	34.695	ng/u1	94
30) Naphthalene	10.736	128	652458	33.402	ng/u1	99
32) 4-Chloroaniline	10.848	127	212080	28.384	ng/u1	98
33) Hexachlorobutadiene	11.031	225	124816	33.274	ng/u1	99
34) Caprolactam	11.613	113	61295m	35.363	ng/u1	
35) 4-Chloro-3-methylphenol	11.978	107	206578	37.297	ng/u1	90
36) 2-Methylnaphthalene	12.354	142	431686	34.482	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	441577	34.381	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	222799	32.693	ng/ul#	98
40) Hexachlorocyclopentadiene	12.701	237	129767	29.017	ng/ul	96
41) 2,4,6-Trichlorophenol	12.960	196	143719	34.717	ng/ul	96
42) 2,4,5-Trichlorophenol	13.030	196	151608	35.341	ng/ul	97
43) 1,1'-Biphenyl	13.360	154	573866	33.274	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	444107	33.541	ng/ul	96
45) 2-Nitroaniline	13.607	65	137582	38.106	ng/ul	84
47) Dimethylphthalate	13.983	163	553141	34.167	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	113710	36.561	ng/ul	90
50) Acenaphthylene	14.248	152	735194	34.249	ng/ul	100
51) 3-Nitroaniline	14.430	138	91782	33.754	ng/ul	87
52) Acenaphthene	14.589	153	480755	33.639	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	55291	31.545	ng/ul#	81
55) 4-Nitrophenol	14.736	109	76398	35.665	ng/ul#	85
56) Dibenzofuran	14.924	168	672081	34.601	ng/ul	96
57) 2,4-Dinitrotoluene	14.883	165	166820	38.537	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.148	232	136029	36.116	ng/ul#	88
59) Diethylphthalate	15.342	149	574263	34.922	ng/ul	98
61) Fluorene	15.571	166	567691	34.640	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.566	204	266966	33.749	ng/ul	92
63) 4-Nitroaniline	15.589	138	94989m	39.672	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	93086	33.335	ng/ul#	82
67) N-Nitrosodiphenylamine	15.777	169	483481	35.374	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	164668	34.724	ng/ul#	90
69) Hexachlorobenzene	16.577	284	195877	34.393	ng/ul#	92
70) Atrazine	16.730	200	175083	34.231	ng/ul	98
71) Pentachlorophenol	16.918	266	118414	33.956	ng/ul	98
72) Phenanthrene	17.307	178	899343	35.133	ng/ul	99
74) Anthracene	17.401	178	892017	35.166	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.325	216	234656	32.568	ng/uL	99
76) Pentachlorobenzene	14.848	250	221293	32.728	ng/uL	99
77) Carbazole	17.671	167	733298	34.946	ng/ul	99
78) Di-n-butylphthalate	18.236	149	974847	36.603	ng/ul	99
80) Fluoranthene	19.324	202	1036192	35.936	ng/ul#	90
82) Pyrene	19.683	202	1112321	35.492	ng/ul#	87
83) Butylbenzylphthalate	20.583	149	451536m	36.803	ng/ul	
84) 3,3'-Dichlorobenzidine	21.365	252	276801	33.085	ng/ul#	98
85) Benzo(a)anthracene	21.430	228	1012512	36.477	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	691692	37.669	ng/ul#	97
87) Chrysene	21.483	228	1068634	35.703	ng/ul	100
89) Di-n-octyl phthalate	22.277	149	1173734	34.646	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1124681	37.194	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1099888	34.637	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	1120266	37.485	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.300	276	1189933	37.206	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.318	278	973672	37.136	ng/ul#	97
96) Benzo(g,h,i)perylene	27.059	276	1093584	35.624	ng/ul#	94

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

