

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034579.D
 Acq On : 09 Apr 2022 02:25
 Operator : CG/JU
 Sample : N2319-14MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YB2J1MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 04:47:19 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	111621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136	456116	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	275156	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	538608	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.441	240	528379	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	577901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	12246m	3.912	ng/uL	0.00
4) Pyridine-d5	3.684	84	75596	10.007	ng/ul	0.00
7) Phenol-d5	7.036	99	68604	7.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	266743	43.087	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	235266	32.759	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	141414	19.486	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	156473m	46.678	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	159758	45.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	270461	41.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.824	131	351788	38.801	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	966810	48.627	ng/ul	0.00
49) Acenaphthylene-d8	14.218	160	1139104	44.576	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	25288m	8.341	ng/ul	0.00
60) Fluorene-d10	15.518	176	829070	48.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	164354	49.985	ng/ul	0.00
73) Anthracene-d10	17.365	188	1286858	50.113	ng/ul	0.00
81) Pyrene-d10	19.659	212	1517858	52.633	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1471223	50.610	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	14540	4.613	ng/uL#	84
5) Pyridine	3.701	79	81884	9.920	ng/ul#	67
6) Benzaldehyde	7.007	77	237773	41.746	ng/ul	90
8) Phenol	7.066	94	67841m	7.228	ng/ul	
10) Bis(2-Chloroethyl)ether	7.295	93	283127	37.380	ng/ul#	88
12) 2-Chlorophenol	7.436	128	212046	28.965	ng/ul#	86
13) 2-Methylphenol	8.325	108	144300	20.798	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.413	45	431098	38.067	ng/ul#	86
16) Acetophenone	8.701	105	427870	37.772	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.689	70	241471	40.049	ng/ul#	87
18) 4-Methylphenol	8.654	108	133566	18.096	ng/ul	100
19) Hexachloroethane	8.960	117	102933	31.260	ng/ul	82
22) Nitrobenzene	9.083	77	345815	39.351	ng/ul	90
23) Isophorone	9.613	82	631840	40.488	ng/ul	93
25) 2-Nitrophenol	9.795	139	146764	39.261	ng/ul#	86
26) 2,4-Dimethylphenol	9.860	107	231402	27.889	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.095	93	372528	39.676	ng/ul	99
29) 2,4-Dichlorophenol	10.336	162	232451	35.839	ng/ul#	96
30) Naphthalene	10.736	128	867519	36.534	ng/ul	99
32) 4-Chloroaniline	10.848	127	299389	32.961	ng/ul	100
33) Hexachlorobutadiene	11.030	225	157669	34.576	ng/ul	98
34) Caprolactam	11.630	113	8400m	3.987	ng/ul	
35) 4-Chloro-3-methylphenol	11.971	107	233461	34.673	ng/ul	88
36) 2-Methylnaphthalene	12.348	142	590505	38.801	ng/ul	99

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37) 1-Methylnaphthalene	12.571	142	617710	39.563	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	312922	37.994	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	152855	28.281	ng/ul	95
41) 2,4,6-Trichlorophenol	12.960	196	204569	40.888	ng/ul	93
42) 2,4,5-Trichlorophenol	13.030	196	211016	40.701	ng/ul	97
43) 1,1'-Biphenyl	13.360	154	818136	39.251	ng/ul#	96
44) 2-Chloronaphthalene	13.401	162	621531	38.840	ng/ul	97
45) 2-Nitroaniline	13.607	65	204219	46.802	ng/ul#	83
47) Dimethylphthalate	13.983	163	821677	41.995	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	172663	45.935	ng/ul	91
50) Acenaphthylene	14.248	152	1041749	40.156	ng/ul	99
51) 3-Nitroaniline	14.430	138	138560	42.163	ng/ul	92
52) Acenaphthene	14.589	153	686313	39.735	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	81534	38.490	ng/ul#	84
55) 4-Nitrophenol	14.736	109	18972	7.328	ng/ul#	78
56) Dibenzofuran	14.924	168	972295	41.419	ng/ul	97
57) 2,4-Dinitrotoluene	14.883	165	246866	47.187	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.148	232	199663	43.863	ng/ul#	90
59) Diethylphthalate	15.348	149	872063	43.880	ng/ul	98
61) Fluorene	15.571	166	830691	41.941	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.565	204	398872	41.722	ng/ul	94
63) 4-Nitroaniline	15.589	138	139870m	48.336	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.654	198	138553	42.261	ng/ul	92
67) N-Nitrosodiphenylamine	15.777	169	680315	42.396	ng/ul	99
68) 4-Bromophenyl-phenylether	16.459	248	244573	43.927	ng/ul	92
69) Hexachlorobenzene	16.577	284	292689	43.772	ng/ul#	93
70) Atrazine	16.730	200	265506	44.214	ng/ul	97
71) Pentachlorophenol	16.918	266	172865	42.221	ng/ul	97
72) Phenanthrene	17.306	178	1321878	43.983	ng/ul	99
74) Anthracene	17.401	178	1313547	44.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	328370	38.818	ng/uL	96
76) Pentachlorobenzene	14.848	250	325049	40.946	ng/uL	99
77) Carbazole	17.671	167	1110625	45.080	ng/ul	99
78) Di-n-butylphthalate	18.236	149	1499582	47.957	ng/ul	99
80) Fluoranthene	19.324	202	1555921	48.752	ng/ul#	90
82) Pyrene	19.683	202	1600224	46.131	ng/ul#	86
83) Butylbenzylphthalate	20.583	149	679400	50.029	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.359	252	405898	43.832	ng/ul#	98
85) Benzo(a)anthracene	21.430	228	1411878	45.955	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	1009467	49.667	ng/ul	98
87) Chrysene	21.477	228	1511357	45.620	ng/ul	99
89) Di-n-octyl phthalate	22.277	149	1731581	45.008	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1573890	45.834	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1522719	42.226	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	1507678	44.423	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.306	276	1646816	45.342	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.318	278	1384841	46.510	ng/ul#	96
96) Benzo(g,h,i)perylene	27.065	276	1528294	43.839	ng/ul#	94

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

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