

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036724.D
 Acq On : 24 Sep 2022 21:48
 Operator : CG/JU
 Sample : N4662-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ25MS

Quant Time: Sep 26 01:14:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	412346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1788772	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.633	164	1067664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2081399	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1566755	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1278730	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	44694	4.063	ng/uL	0.00
4) Pyridine-d5	3.822	84	172154	5.367	ng/u1	0.00
7) Phenol-d5	7.163	99	247583	6.719	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	675905	30.204	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	670408	25.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	460249	16.904	ng/u1	-0.01
21) Nitrobenzene-d5	9.175	128	451924	37.326	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	429888	39.640	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	798080	31.755	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.951	131	602047	14.408	ng/u1	-0.01
46) Dimethylphthalate-d6	14.045	166	2836149	39.387	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	3139588	36.757	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	106350	7.615	ng/u1	-0.01
60) Fluorene-d10	15.621	176	2425467	37.586	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	390355	47.402	ng/u1	0.00
73) Anthracene-d10	17.468	188	3754063	39.447	ng/u1	0.00
81) Pyrene-d10	19.750	212	3999181	51.885	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2644732	42.334	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	111505	9.411	ng/uL	96
5) Pyridine	3.840	79	206831	6.417	ng/u1	95
6) Benzaldehyde	7.139	77	771233	43.221	ng/u1	96
8) Phenol	7.187	94	275592	6.968	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.428	93	911595	29.625	ng/u1	100
12) 2-Chlorophenol	7.569	128	697276	24.297	ng/u1	98
13) 2-Methylphenol	8.451	108	542229	18.653	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1054271	28.907	ng/u1	98
16) Acetophenone	8.833	105	1449022	30.682	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	718219	31.517	ng/u1	96
18) 4-Methylphenol	8.781	108	512282	16.297	ng/u1	99
19) Hexachloroethane	9.092	117	309813	26.653	ng/u1	97
22) Nitrobenzene	9.216	77	1084861	33.748	ng/u1	98
23) Isophorone	9.751	82	2034669	31.043	ng/u1	99
25) 2-Nitrophenol	9.928	139	471490	35.200	ng/u1	99
26) 2,4-Dimethylphenol	9.986	107	863036	26.123	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1233930	31.585	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	793939	30.049	ng/u1	99
30) Naphthalene	10.869	128	2889950	29.657	ng/u1	100
32) 4-Chloroaniline	10.975	127	841631	19.509	ng/u1	99
33) Hexachlorobutadiene	11.151	225	434524	26.889	ng/u1	97
34) Caprolactam	11.780	113	36265	4.231	ng/u1	91
35) 4-Chloro-3-methylphenol	12.092	107	843775	28.930	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	2004705	30.877	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2042615	31.295	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	953182	31.542	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	338542	21.497	ng/ul	100
41) 2,4,6-Trichlorophenol	13.069	196	671980	36.318	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	747351	37.673	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	2652720	33.705	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2056807	33.304	ng/ul	99
45) 2-Nitroaniline	13.716	65	681914	44.860	ng/ul	99
47) Dimethylphthalate	14.092	163	2850754	37.322	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	574328	46.247	ng/ul	98
50) Acenaphthylene	14.357	152	3310353	33.899	ng/ul	99
51) 3-Nitroaniline	14.539	138	547875	36.784	ng/ul#	97
52) Acenaphthene	14.698	153	2363881	34.596	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	232583	42.208	ng/ul	98
55) 4-Nitrophenol	14.839	109	90196	7.555	ng/ul	96
56) Dibenzofuran	15.027	168	3231634	35.217	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	828242	45.876	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	643609	38.758	ng/ul#	96
59) Diethylphthalate	15.451	149	2937312	38.414	ng/ul	99
61) Fluorene	15.674	166	2839908	36.338	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1340378	35.862	ng/ul	99
63) 4-Nitroaniline	15.698	138	612841	42.350	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.751	198	399228	42.961	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2280614	37.202	ng/ul	98
68) 4-Bromophenyl-phenylether	16.562	248	776942	37.872	ng/ul	98
69) Hexachlorobenzene	16.674	284	892841	36.796	ng/ul	99
70) Atrazine	16.833	200	786484	36.357	ng/ul	98
71) Pentachlorophenol	17.015	266	514721	35.712	ng/ul	98
72) Phenanthrene	17.409	178	4439028	38.720	ng/ul	100
74) Anthracene	17.504	178	4454795	38.229	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1010779	35.506	ng/ul	98
76) Pentachlorobenzene	14.945	250	979835	31.823	ng/ul	99
77) Carbazole	17.768	167	4068521	37.710	ng/ul	99
78) Di-n-butylphthalate	18.333	149	5231430	42.780	ng/ul	99
80) Fluoranthene	19.415	202	4753015	50.322	ng/ul	99
82) Pyrene	19.780	202	4855698	48.567	ng/ul	98
83) Butylbenzylphthalate	20.674	149	2081243	54.936	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	876457	28.630	ng/ul	97
85) Benzo(a)anthracene	21.521	228	4014494	40.895	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	3228535	58.339	ng/ul	100
87) Chrysene	21.574	228	3651171	39.185	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4723787	61.275	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3390239	41.809	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	3397678	41.933	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2891024	40.556	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	3279612	39.397	ng/ul	96
95) Dibenzo(a,h)anthracene	26.526	278	3005065	39.805	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	2847546	39.458	ng/ul	98

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

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