

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037941.D
 Acq On : 10 Dec 2022 19:06
 Operator : CG/JU
 Sample : PB149543BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS543

Quant Time: Dec 11 21:28:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	206537	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	789364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	431781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	842446	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	824120	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	909631	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	24301	5.342	ng/uL	0.00
4) Pyridine-d5	3.857	84	343396	25.448	ng/u1	0.00
7) Phenol-d5	7.234	99	448944	26.749	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	277206	27.125	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	387035	28.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	340167	25.965	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	184980	29.598	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	197634	30.175	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	358591	28.825	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	439705	25.606	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	915270	29.733	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1110993	29.530	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	158700	30.250	ng/u1	0.00
60) Fluorene-d10	15.698	176	817362	29.803	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	126163	28.011	ng/u1	0.00
73) Anthracene-d10	17.545	188	1219779	31.024	ng/u1	0.00
81) Pyrene-d10	19.827	212	1396409	28.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	1458462	32.101	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.457	88	49763	10.429	ng/uL	93
5) Pyridine	3.875	79	342390	25.249	ng/u1	97
6) Benzaldehyde	7.210	77	247141	39.371	ng/u1	97
8) Phenol	7.263	94	441217	26.212	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.498	93	367031	26.554	ng/u1	97
12) 2-Chlorophenol	7.640	128	395055	28.056	ng/u1	98
13) 2-Methylphenol	8.522	108	336902	26.154	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.610	45	656249	26.294	ng/u1	99
16) Acetophenone	8.910	105	537919	26.107	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.898	70	259776	26.764	ng/u1	98
18) 4-Methylphenol	8.857	108	355329	25.500	ng/u1	99
19) Hexachloroethane	9.169	117	162359	28.842	ng/u1	100
22) Nitrobenzene	9.298	77	393271	29.244	ng/u1	98
23) Isophorone	9.822	82	705385	28.625	ng/u1	99
25) 2-Nitrophenol	10.010	139	205458	29.922	ng/u1	94
26) 2,4-Dimethylphenol	10.063	107	349521	26.322	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.304	93	451106	27.539	ng/u1	99
29) 2,4-Dichlorophenol	10.545	162	350452	28.713	ng/u1	98
30) Naphthalene	10.951	128	1229931	28.873	ng/u1	100
32) 4-Chloroaniline	11.063	127	426960	24.933	ng/u1	99
33) Hexachlorobutadiene	11.228	225	252476	31.444	ng/u1	99
34) Caprolactam	11.845	113	88507	28.269	ng/u1	95
35) 4-Chloro-3-methylphenol	12.175	107	311440	28.032	ng/u1	99
36) 2-Methylnaphthalene	12.545	142	787786	28.513	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	784474	27.767	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	431515	30.586	ng/ul	98
40) Hexachlorocyclopentadiene	12.886	237	137818	17.077	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	260950	30.366	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	273998	30.572	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	993884	28.636	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	782667	29.232	ng/ul	98
45) 2-Nitroaniline	13.798	65	194097	30.087	ng/ul	98
47) Dimethylphthalate	14.163	163	910374	29.975	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	180957	30.674	ng/ul	96
50) Acenaphthylene	14.433	152	1206959	29.175	ng/ul	99
51) 3-Nitroaniline	14.616	138	187462	31.849	ng/ul	99
52) Acenaphthene	14.774	153	839984	29.356	ng/ul	100
53) 2,4-Dinitrophenol	14.821	184	82396	28.463	ng/ul	95
55) 4-Nitrophenol	14.916	109	110670	31.988	ng/ul	97
56) Dibenzofuran	15.104	168	1126312	28.831	ng/ul	99
57) 2,4-Dinitrotoluene	15.068	165	251697	31.505	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.327	232	234508	31.106	ng/ul	95
59) Diethylphthalate	15.515	149	909390	30.056	ng/ul	99
61) Fluorene	15.751	166	925109	29.037	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	468926	30.118	ng/ul	97
63) 4-Nitroaniline	15.774	138	200333	37.538	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.827	198	124694	28.597	ng/ul	98
67) N-Nitrosodiphenylamine	15.957	169	762640	30.011	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	280816	30.408	ng/ul	99
69) Hexachlorobenzene	16.751	284	336465	30.523	ng/ul	96
70) Atrazine	16.904	200	236993	27.290	ng/ul	98
71) Pentachlorophenol	17.098	266	192921	31.478	ng/ul	99
72) Phenanthrene	17.492	178	1388978	30.191	ng/ul	100
74) Anthracene	17.580	178	1416852	30.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	414810	30.457	ng/ul	99
76) Pentachlorobenzene	15.021	250	398913	29.568	ng/ul	100
77) Carbazole	17.851	167	1271848	31.399	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1505772	31.274	ng/ul	100
80) Fluoranthene	19.498	202	1611164	27.576	ng/ul	99
82) Pyrene	19.856	202	1731561	28.477	ng/ul	99
83) Butylbenzylphthalate	20.739	149	648127	28.665	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	547801	33.592	ng/ul	98
85) Benzo(a)anthracene	21.603	228	1733696	31.248	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	914870	27.814	ng/ul	99
87) Chrysene	21.656	228	1600284	30.741	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	1617322	27.748	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1725389	30.596	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	1732209	31.694	ng/ul	99
93) Benzo(a)pyrene	23.991	252	1551636	31.289	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.697	276	1820125	28.498	ng/ul	100
95) Dibenzo(a,h)anthracene	26.709	278	1642828	30.512	ng/ul	99
96) Benzo(g,h,i)perylene	27.497	276	1466164	28.752	ng/ul	98

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

