

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016630.D
 Acq On : 17 Aug 2023 07:08
 Operator : MA/JU
 Sample : PB154791BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS791

Quant Time: Aug 17 07:40:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	187324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	43788	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	1365	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.569	188	2918217	20.000	ng/ul	0.10
79) Chrysene-d12	21.686	240	56	20.000	ng/ul	# 0.12
88) Perylene-d12	24.286	264	763	20.000	ng/ul	# 0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39405	7.993	ng/uL	0.00
4) Pyridine-d5	3.829	84	643909	42.932	ng/ul	0.00
7) Phenol-d5	7.193	99	912729	52.851	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	537269	47.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	632034	50.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	727042	52.945	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	339275	1101.164	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	360420	1231.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	671375	1165.808	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	995864	1007.859	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	2089915	21168.105	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	2421228	21727.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	469165	23326.792	ng/ul	0.01
60) Fluorene-d10	15.698	176	1796285	21341.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	294534	21.216	ng/ul	0.00
73) Anthracene-d10	17.569	188	2921906	23.148	ng/ul	0.00
81) Pyrene-d10	19.804	212	3484724	1187591.130	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	3261662	89199.588	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.429	88	88509	16.329	ng/uL	98
5) Pyridine	3.846	79	626437	40.255	ng/ul	98
6) Benzaldehyde	7.205	77	521918	54.824	ng/ul	99
8) Phenol	7.222	94	904760	49.017	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	685839	45.998	ng/ul	99
12) 2-Chlorophenol	7.605	128	631989	48.423	ng/ul	99
13) 2-Methylphenol	8.493	108	673622	50.242	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	483066	23.246	ng/ul	98
16) Acetophenone	8.905	105	1108165	49.974	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.875	70	611670	51.432	ng/ul	99
18) 4-Methylphenol	8.822	108	760632	51.619	ng/ul	97
19) Hexachloroethane	9.128	117	248809	45.630	ng/ul	99
22) Nitrobenzene	9.293	77	861004	998.251	ng/ul	99
23) Isophorone	9.811	82	1734001	1064.396	ng/ul	100
25) 2-Nitrophenol	9.999	139	376800	1126.321	ng/ul	98
26) 2,4-Dimethylphenol	10.034	107	755489	957.927	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.293	93	1016025	972.950	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	646410	1090.945	ng/ul	98
30) Naphthalene	10.940	128	2201849	962.423	ng/ul	100
32) 4-Chloroaniline	11.063	127	968205	989.305	ng/ul	100
33) Hexachlorobutadiene	11.169	225	346174	969.199	ng/ul	100
34) Caprolactam	11.881	113	267223	1159.243	ng/ul	99
35) 4-Chloro-3-methylphenol	12.157	107	823485	1137.014	ng/ul	99
36) 2-Methylnaphthalene	12.534	142	1514505	988.265	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1518034	983.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	736460	20171.472	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	315885	14219.787	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	532026	23414.479	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	593260	24086.836	ng/ul	98
43) 1,1'-Biphenyl	13.540	154	2041748	20123.261	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1590010	20141.313	ng/ul	99
45) 2-Nitroaniline	13.816	65	578340	24229.559	ng/ul	94
47) Dimethylphthalate	14.163	163	2085327	20658.074	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	435357	24899.442	ng/ul	98
50) Acenaphthylene	14.434	152	2586847	19711.184	ng/ul	99
51) 3-Nitroaniline	14.640	138	503878	25701.930	ng/ul	97
52) Acenaphthene	14.769	153	1776517	20221.940	ng/ul	98
53) 2,4-Dinitrophenol	14.840	184	178570	18345.772	ng/ul	94
55) 4-Nitrophenol	14.922	109	369550	22601.353	ng/ul	99
56) Dibenzofuran	15.104	168	2440767	20363.376	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	641717	24509.004	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	508489	24640.813	ng/ul	98
59) Diethylphthalate	15.516	149	2181984	21141.027	ng/ul	99
61) Fluorene	15.757	166	2040056	20757.205	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.746	204	944491	20472.152	ng/ul	97
63) 4-Nitroaniline	15.810	138	522201	27833.551	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	298996	19.424	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1756173	22.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	586720	22.518	ng/ul	97
69) Hexachlorobenzene	16.734	284	677368	22.249	ng/ul	98
70) Atrazine	16.922	200	627546	22.051	ng/ul	99
72) Phenanthrene	17.610	178	3381867	21.997	ng/ul	100
74) Anthracene	17.610	178	3378871	21.880	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	740666	19.972	ng/uL	98
76) Pentachlorobenzene	14.999	250	732319	22.008	ng/uL	99
77) Carbazole	17.887	167	3320615	23.333	ng/ul	99
78) Di-n-butylphthalate	18.398	149	4034420	24.489	ng/ul	99
80) Fluoranthene	19.475	202	4134858	1180676.984	ng/ul	100
82) Pyrene	19.834	202	4244728	1147817.404	ng/ul	97
83) Butylbenzylphthalate	20.686	149	2022003	1357267.816	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	1411618	1157602.822	ng/ul	98
85) Benzo(a)anthracene	21.610	228	3939349	1046704.792	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.428	149	2996537	1385942.714	ng/ul	98
87) Chrysene	21.610	228	3934019	1117044.639	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	5212445	109482.544	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	3939693	86717.961	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	3932930	87262.090	ng/ul	98
93) Benzo(a)pyrene	24.039	252	3411590	79605.804	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	3865595	76424.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	3237320	76908.947	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	3038274	75473.968	ng/ul	98

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

