

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016343.D
 Acq On : 25 Jul 2023 10:44
 Operator : MA/JU
 Sample : SST00502
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005604

Quant Time: Jul 25 23:35:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 16:07:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	319960	20.000	ng/u1	0.00
20) Naphthalene-d8	10.931	136	1405782	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.748	164	876356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.513	188	1938788	20.000	ng/u1	0.00
79) Chrysene-d12	21.607	240	1782521	20.000	ng/u1	0.00
88) Perylene-d12	24.218	264	2034372	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	16456	2.028	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.607	132	92155	4.412	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.290	128	30559	3.530	ng/u1	0.00
24) 2-Nitrophenol-d4	10.007	143	19927	2.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.531	165	82376	4.163	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.154	166	303837	4.737	ng/u1	0.00
49) Acenaphthylene-d8	14.442	160	356961	4.711	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.736	176	263057	4.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.613	188	406522	4.734	ng/u1	0.00
81) Pyrene-d10	19.836	212	464671	4.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.042	264	439536	4.478	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.461	88	16883	1.962	ng/uL#	90
12) 2-Chlorophenol	7.643	128	98732	4.597	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.907	70	84034	4.749	ng/u1	96
19) Hexachloroethane	9.172	117	42902	4.775	ng/u1	98
22) Nitrobenzene	9.331	77	90104	3.888	ng/u1	97
23) Isophorone	9.843	82	249271	4.775	ng/u1	99
25) 2-Nitrophenol	10.037	139	24218	2.719	ng/u1	93
26) 2,4-Dimethylphenol	10.072	107	116727	4.634	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.337	93	151410	4.811	ng/u1	99
29) 2,4-Dichlorophenol	10.554	162	84573	4.228	ng/u1	99
30) Naphthalene	10.984	128	354085	4.863	ng/u1	100
33) Hexachlorobutadiene	11.225	225	62137	4.726	ng/u1	98
35) 4-Chloro-3-methylphenol	12.190	107	96087	4.339	ng/u1	97
36) 2-Methylnaphthalene	12.578	142	238950	4.816	ng/u1	98
37) 1-Methylnaphthalene	12.795	142	237080	4.779	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.925	216	121601	4.697	ng/u1	98
41) 2,4,6-Trichlorophenol	13.172	196	59881	3.925	ng/u1	99
42) 2,4,5-Trichlorophenol	13.237	196	61555	3.771	ng/u1	99
43) 1,1'-Biphenyl	13.584	154	320761	4.847	ng/u1	100
44) 2-Chloronaphthalene	13.631	162	248305	4.797	ng/u1	99
45) 2-Nitroaniline	13.842	65	30967	2.859	ng/u1	91
47) Dimethylphthalate	14.201	163	316829	4.898	ng/u1	100
48) 2,6-Dinitrotoluene	14.337	165	24946	2.676	ng/u1#	91
50) Acenaphthylene	14.472	152	420127	4.867	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.807	153	271947	4.886	ng/ul	99
56) Dibenzofuran	15.148	168	380907	4.999	ng/ul	98
57) 2,4-Dinitrotoluene	15.113	165	31659	2.382	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.354	232	48752	3.743	ng/ul	95
59) Diethylphthalate	15.560	149	314798	4.832	ng/ul	100
61) Fluorene	15.795	166	312776	5.053	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.789	204	150239	4.979	ng/ul	94
67) N-Nitrosodiphenylamine	16.007	169	258604	4.757	ng/ul	99
68) 4-Bromophenyl-phenylether	16.695	248	85080	4.627	ng/ul	99
69) Hexachlorobenzene	16.772	284	104795	4.753	ng/ul	98
72) Phenanthrene	17.554	178	495000	4.906	ng/ul	99
74) Anthracene	17.648	178	508948	4.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.537	216	125674	4.491	ng/uL	97
76) Pentachlorobenzene	15.037	250	114894	4.646	ng/uL	99
78) Di-n-butylphthalate	18.448	149	525741	4.667	ng/ul	99
80) Fluoranthene	19.507	202	567158	4.675	ng/ul	97
82) Pyrene	19.866	202	599251	4.781	ng/ul	100
83) Butylbenzylphthalate	20.736	149	184051	3.879	ng/ul	95
85) Benzo(a)anthracene	21.589	228	580645	4.809	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.495	149	312898	4.323	ng/ul	100
87) Chrysene	21.642	228	538469	4.816	ng/ul	100
90) Benzo(b)fluoranthene	23.401	252	566770	4.652	ng/ul	99
91) Benzo(k)fluoranthene	23.454	252	548581	4.525	ng/ul	99
93) Benzo(a)pyrene	24.095	252	526393	4.588	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.995	276	609967	4.604	ng/ul	99
95) Dibenzo(a,h)anthracene	27.036	278	499913	4.562	ng/ul	100
96) Benzo(g,h,i)perylene	27.859	276	500178	4.768	ng/ul	98

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

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