

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018369.D
 Acq On : 25 Nov 2023 15:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020693

Quant Time: Nov 26 23:54:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	480161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1835021	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	977491	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1723217	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1675023	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	2052909	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	98737	7.702	ng/uL	0.00
4) Pyridine-d5	3.687	84	665649	18.894	ng/u1	0.00
7) Phenol-d5	7.028	99	827953	18.868	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	475998	18.140	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	712812	19.347	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	658438	18.593	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	332153	22.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	334391	24.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	671836	20.230	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	876582	19.571	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1657821	19.060	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1997491	20.155	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	222330	18.516	ng/u1	0.00
60) Fluorene-d10	15.492	176	1357739	18.663	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	159469	21.739	ng/u1	0.00
73) Anthracene-d10	17.345	188	1843820	20.019	ng/u1	0.00
81) Pyrene-d10	19.586	212	2052372	15.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	2376933	19.971	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	102334	7.444	ng/uL	91
5) Pyridine	3.711	79	670341	18.884	ng/u1	93
6) Benzaldehyde	7.005	77	488290	21.027	ng/u1	96
8) Phenol	7.058	94	814303	18.918	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	683007	19.049	ng/u1	97
12) 2-Chlorophenol	7.428	128	705826	19.095	ng/u1	96
13) 2-Methylphenol	8.310	108	625588	18.659	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	820697	16.103	ng/u1	94
16) Acetophenone	8.693	105	991487	18.297	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.681	70	458212	15.137	ng/u1	93
18) 4-Methylphenol	8.640	108	658647	18.396	ng/u1	100
19) Hexachloroethane	8.946	117	294113	19.053	ng/u1	95
22) Nitrobenzene	9.069	77	692543	19.833	ng/u1	96
23) Isophorone	9.599	82	1332218	17.118	ng/u1	98
25) 2-Nitrophenol	9.781	139	361488	23.341	ng/u1	92
26) 2,4-Dimethylphenol	9.846	107	655630	18.855	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	864752	18.398	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	642741	20.205	ng/u1	98
30) Naphthalene	10.716	128	2169202	19.545	ng/u1	100
32) 4-Chloroaniline	10.828	127	829020	19.614	ng/u1	99
33) Hexachlorobutadiene	11.004	225	488126	22.498	ng/u1	98
34) Caprolactam	11.593	113	151265	16.501	ng/u1	88
35) 4-Chloro-3-methylphenol	11.951	107	557127	16.380	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	1429673	18.201	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1429194	18.076	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	826265	23.934	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	437568	22.379	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	475341	22.927	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	483768	21.578	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	1805525	21.200	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1434625	21.283	ng/ul	98
45) 2-Nitroaniline	13.581	65	280520	19.341	ng/ul	86
47) Dimethylphthalate	13.963	163	1620850	19.046	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	299890	20.901	ng/ul	92
50) Acenaphthylene	14.222	152	2201326	19.927	ng/ul	99
51) 3-Nitroaniline	14.404	138	290682	20.390	ng/ul#	91
52) Acenaphthene	14.563	153	1420908	19.690	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	97867	19.551	ng/ul	98
55) 4-Nitrophenol	14.704	109	153319	17.235	ng/ul	91
56) Dibenzofuran	14.898	168	1909688	19.356	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	388868	20.056	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	361367	20.524	ng/ul	95
59) Diethylphthalate	15.328	149	1494059	17.477	ng/ul	99
61) Fluorene	15.545	166	1488902	18.506	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	787419	19.273	ng/ul	96
63) 4-Nitroaniline	15.563	138	268327	19.944	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.616	198	175144	21.528	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	1197594	20.494	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	469561	21.582	ng/ul	97
69) Hexachlorobenzene	16.545	284	543257	22.335	ng/ul	93
70) Atrazine	16.716	200	371369	20.817	ng/ul	99
71) Pentachlorophenol	16.892	266	289796	23.188	ng/ul	99
72) Phenanthrene	17.292	178	2094102	19.979	ng/ul	99
74) Anthracene	17.381	178	2109061	19.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	796586	26.893	ng/uL	100
76) Pentachlorobenzene	14.816	250	714642	24.838	ng/uL	99
77) Carbazole	17.651	167	1805626	21.065	ng/ul	100
78) Di-n-butylphthalate	18.216	149	2169513	18.197	ng/ul	100
80) Fluoranthene	19.263	202	2349943	14.756	ng/ul	97
82) Pyrene	19.616	202	2467677	15.388	ng/ul	97
83) Butylbenzylphthalate	20.510	149	929930	15.669	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.280	252	936766	23.123	ng/ul	98
85) Benzo(a)anthracene	21.339	228	2671861	19.573	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1424000	15.993	ng/ul	99
87) Chrysene	21.392	228	2466681	19.857	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	2542105	16.820	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2889385	19.377	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	2777090	18.708	ng/ul	99
93) Benzo(a)pyrene	23.686	252	2705257	19.728	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.380	276	3368963	21.247	ng/ul	97
95) Dibenzo(a,h)anthracene	26.421	278	2777760	21.399	ng/ul	98
96) Benzo(g,h,i)perylene	27.174	276	2735801	21.304	ng/ul	97

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

