

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018474.D
 Acq On : 01 Dec 2023 13:20
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV636

Quant Time: Dec 01 21:57:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	339126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1507486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	1012841	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2137505	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1374637	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	1395913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	68998	6.933	ng/uL	0.00
4) Pyridine-d5	3.693	84	522631	19.606	ng/u1	0.00
7) Phenol-d5	7.028	99	667595	19.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	433552	21.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	499902	18.825	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	547737	19.887	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	257580	19.198	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	279675	20.105	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	560340	19.700	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	787934	21.197	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1799470	19.906	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2004422	20.137	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	302836	20.409	ng/u1	0.00
60) Fluorene-d10	15.487	176	1488362	19.615	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	248253	19.370	ng/u1	0.00
73) Anthracene-d10	17.339	188	2212364	19.688	ng/u1	0.00
81) Pyrene-d10	19.575	212	2214336	20.694	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	1570605	19.297	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	69194	6.340	ng/uL	98
5) Pyridine	3.711	79	443523	16.476	ng/u1	98
6) Benzaldehyde	7.005	77	398797	22.696	ng/u1	96
8) Phenol	7.058	94	624540	18.713	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.293	93	511292	18.654	ng/u1	99
12) 2-Chlorophenol	7.428	128	482990	17.971	ng/u1	99
13) 2-Methylphenol	8.311	108	476977	18.668	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	614592	17.672	ng/u1	99
16) Acetophenone	8.693	105	839159	20.444	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	415981	18.422	ng/u1	99
18) 4-Methylphenol	8.640	108	527704	18.914	ng/u1	98
19) Hexachloroethane	8.946	117	192397	17.462	ng/u1	97
22) Nitrobenzene	9.069	77	580449	17.794	ng/u1	99
23) Isophorone	9.599	82	1188401	17.867	ng/u1	99
25) 2-Nitrophenol	9.781	139	283901	19.062	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	468223	16.074	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.081	93	733312	17.464	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	512560	18.708	ng/u1	98
30) Naphthalene	10.716	128	1625727	17.777	ng/u1	100
32) 4-Chloroaniline	10.828	127	713495	20.139	ng/u1	98
33) Hexachlorobutadiene	10.999	225	329971	17.983	ng/u1	98
34) Caprolactam	11.604	113	172528	20.537	ng/u1	96
35) 4-Chloro-3-methylphenol	11.946	107	567071	18.476	ng/u1	100
36) 2-Methylnaphthalene	12.322	142	1168905	18.042	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1152578	17.616	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	693858	18.882	ng/ul	100
40) Hexachlorocyclopentadiene	12.669	237	341214	15.666	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	434761	18.391	ng/ul	98
42) 2,4,5-Trichlorophenol	12.999	196	487877	19.037	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1657618	18.923	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1255838	18.152	ng/ul	99
45) 2-Nitroaniline	13.575	65	353747	18.861	ng/ul	97
47) Dimethylphthalate	13.957	163	1619871	18.204	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	342261	20.359	ng/ul	95
50) Acenaphthylene	14.216	152	2067851	18.477	ng/ul	100
51) 3-Nitroaniline	14.398	138	349800	20.844	ng/ul	98
52) Acenaphthene	14.557	153	1324367	17.898	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	157378	17.663	ng/ul	96
55) 4-Nitrophenol	14.704	109	214445	19.129	ng/ul	97
56) Dibenzofuran	14.893	168	1928483	18.752	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	448410	18.962	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	424579	19.750	ng/ul	99
59) Diethylphthalate	15.322	149	1572356	18.058	ng/ul	100
61) Fluorene	15.540	166	1515194	18.619	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	778247	18.235	ng/ul	98
63) 4-Nitroaniline	15.563	138	339009	21.205	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	238391	17.397	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1345371	18.994	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	481513	17.844	ng/ul	98
69) Hexachlorobenzene	16.540	284	540866	17.952	ng/ul	97
70) Atrazine	16.710	200	472477	22.437	ng/ul	99
71) Pentachlorophenol	16.887	266	300320	16.760	ng/ul	99
72) Phenanthrene	17.281	178	2346512	18.177	ng/ul	100
74) Anthracene	17.375	178	2339300	18.078	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	655751	17.742	ng/ul	99
76) Pentachlorobenzene	14.810	250	656356	18.079	ng/ul	99
77) Carbazole	17.645	167	2040545	19.786	ng/ul	99
78) Di-n-butylphthalate	18.204	149	2473068	18.009	ng/ul	100
80) Fluoranthene	19.251	202	2452416	19.389	ng/ul	98
82) Pyrene	19.604	202	2468556	19.346	ng/ul	97
83) Butylbenzylphthalate	20.480	149	843663	18.061	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	706438	21.148	ng/ul	99
85) Benzo(a)anthracene	21.310	228	1988710	17.824	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1159033	18.052	ng/ul	100
87) Chrysene	21.363	228	1819990	17.713	ng/ul	100
89) Di-n-octyl phthalate	22.163	149	1748773	17.158	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1763082	17.130	ng/ul	100
91) Benzo(k)fluoranthene	23.022	252	1688764	16.958	ng/ul	99
93) Benzo(a)pyrene	23.598	252	1572872	16.725	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.174	276	2168451	19.299	ng/ul	98
95) Dibenzo(a,h)anthracene	26.198	278	1808431	19.348	ng/ul	99
96) Benzo(g,h,i)perylene	26.927	276	1763650	19.504	ng/ul	99

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

