

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071422\
 Data File : BP010974.D
 Acq On : 14 Jul 2022 16:03
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV623

Quant Time: Jul 14 17:28:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	383102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	1631034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	938388	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1898228	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.251	240	1910868	20.000	ng/ul	# 0.01
88) Perylene-d12	23.615	264	1930222	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	78690	7.405	ng/uL	0.00
4) Pyridine-d5	3.593	84	504990	18.385	ng/ul	0.00
7) Phenol-d5	6.869	99	561859	17.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	365034	18.052	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	467043	18.380	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	454195	18.041	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	218991	18.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	216342	18.394	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	387775	18.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	638121	17.996	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1167579	18.205	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1399703	18.497	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	231086	17.803	ng/ul	0.00
60) Fluorene-d10	15.357	176	981506	18.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	154320	16.429	ng/ul	0.00
73) Anthracene-d10	17.228	188	1465677	18.162	ng/ul	0.01
81) Pyrene-d10	19.480	212	1714835	17.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.462	264	1657634	17.880	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	82289	7.380	ng/uL#	87
5) Pyridine	3.611	79	523877	18.507	ng/ul#	77
6) Benzaldehyde	6.840	77	338794	22.180	ng/ul	95
8) Phenol	6.893	94	601642	17.999	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.128	93	481812	18.161	ng/ul	89
12) 2-Chlorophenol	7.257	128	483604	18.411	ng/ul	91
13) 2-Methylphenol	8.140	108	442046	17.882	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	642238	17.700	ng/ul#	96
16) Acetophenone	8.522	105	699682	18.359	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.510	70	348687	18.234	ng/ul	89
18) 4-Methylphenol	8.469	108	477326	18.085	ng/ul	97
19) Hexachloroethane	8.763	117	189814	18.261	ng/ul#	78
22) Nitrobenzene	8.899	77	510092	18.248	ng/ul	91
23) Isophorone	9.428	82	948193	18.125	ng/ul	97
25) 2-Nitrophenol	9.604	139	244282	18.503	ng/ul#	81
26) 2,4-Dimethylphenol	9.675	107	513972	18.410	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.910	93	616231	17.799	ng/ul	97
29) 2,4-Dichlorophenol	10.140	162	402149	18.064	ng/ul	98
30) Naphthalene	10.540	128	1486308	17.882	ng/ul	100
32) 4-Chloroaniline	10.657	127	633764	18.069	ng/ul	97
33) Hexachlorobutadiene	10.822	225	234847	18.122	ng/ul	98
34) Caprolactam	11.445	113	137901	17.675	ng/ul	90
35) 4-Chloro-3-methylphenol	11.793	107	454588	18.068	ng/ul	93
36) 2-Methylnaphthalene	12.163	142	971422	18.028	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	980315	18.151	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	442894	17.895	ng/ul#	97
40) Hexachlorocyclopentadiene	12.510	237	263786	17.208	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	295014	18.100	ng/ul	97
42) 2,4,5-Trichlorophenol	12.845	196	313905	18.021	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	1257960	17.966	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	950865	18.080	ng/ul	98
45) 2-Nitroaniline	13.439	65	282228	18.419	ng/ul#	81
47) Dimethylphthalate	13.828	163	1172179	18.113	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	216229	18.455	ng/ul	97
50) Acenaphthylene	14.075	152	1551498	18.272	ng/ul	98
51) 3-Nitroaniline	14.275	138	250594	17.802	ng/ul	91
52) Acenaphthene	14.422	153	1001792	17.810	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	107586	15.695	ng/ul	85
55) 4-Nitrophenol	14.586	109	178967	18.009	ng/ul#	76
56) Dibenzofuran	14.757	168	1394048	17.961	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	315038	18.851	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.986	232	245246	17.979	ng/ul#	88
59) Diethylphthalate	15.204	149	1204200	18.119	ng/ul	98
61) Fluorene	15.416	166	1133552	18.198	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	522800	18.231	ng/ul	96
63) 4-Nitroaniline	15.439	138	247687	19.146	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.498	198	159518	16.554	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	971759	17.921	ng/ul	96
68) 4-Bromophenyl-phenylether	16.316	248	306221	17.887	ng/ul	94
69) Hexachlorobenzene	16.422	284	356198	17.927	ng/ul	94
70) Atrazine	16.604	200	334476	17.831	ng/ul	98
71) Pentachlorophenol	16.775	266	206656	16.888	ng/ul	98
72) Phenanthrene	17.169	178	1785976	18.059	ng/ul	99
74) Anthracene	17.263	178	1790193	18.198	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	457809	16.847	ng/ul	99
76) Pentachlorobenzene	14.675	250	418961	17.588	ng/ul	98
77) Carbazole	17.539	167	1689787	18.353	ng/ul	99
78) Di-n-butylphthalate	18.110	149	2042320	17.745	ng/ul	99
80) Fluoranthene	19.157	202	2057996	17.533	ng/ul#	89
82) Pyrene	19.510	202	2109506	17.419	ng/ul#	83
83) Butylbenzylphthalate	20.410	149	945913	17.509	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.174	252	641617	18.963	ng/ul#	98
85) Benzo(a)anthracene	21.233	228	2091975	17.976	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1436289	17.818	ng/ul#	96
87) Chrysene	21.286	228	2047054	17.915	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	2301777	17.781	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2094211	17.571	ng/ul#	95
91) Benzo(k)fluoranthene	22.939	252	1991632	17.790	ng/ul#	94
93) Benzo(a)pyrene	23.510	252	2055657	17.960	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.068	276	2396290	18.015	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.092	278	2058626	17.885	ng/ul#	92
96) Benzo(g,h,i)perylene	26.815	276	2036530	17.976	ng/ul#	87

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

