

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
 Data File : BP020894.D
 Acq On : 11 Jul 2024 00:42
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020680

Quant Time: Jul 11 01:16:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	196752	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	835560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	548476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1081034	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	971723	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	1159125	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	35977	8.321	ng/uL	0.00
4) Pyridine-d5	3.670	84	253262	20.233	ng/u1	0.00
7) Phenol-d5	6.911	99	310025	19.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	198474	20.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	264189	19.990	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	258105	19.374	ng/u1	-0.01
21) Nitrobenzene-d5	8.869	128	128605	19.816	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	144301	19.426	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	269404	20.057	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	353219	19.851	ng/u1	-0.01
46) Dimethylphthalate-d6	13.763	166	767256	19.243	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	888905	19.855	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	105814	18.653	ng/u1	-0.01
60) Fluorene-d10	15.363	176	642459	19.641	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	119683	18.298	ng/u1	0.00
73) Anthracene-d10	17.275	188	942554	19.631	ng/u1	0.00
81) Pyrene-d10	19.651	212	1048393	17.451	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.733	264	1117946	19.555	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	39385	8.282	ng/uL	96
5) Pyridine	3.687	79	256556	19.871	ng/u1	99
6) Benzaldehyde	6.881	77	192999	23.866	ng/u1	99
8) Phenol	6.940	94	310620	19.137	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.158	93	268973	20.060	ng/u1	99
12) 2-Chlorophenol	7.293	128	266214	20.098	ng/u1	99
13) 2-Methylphenol	8.163	108	243287	19.381	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	401307	20.716	ng/u1	99
16) Acetophenone	8.534	105	407619	19.824	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.510	70	208646	19.366	ng/u1	98
18) 4-Methylphenol	8.487	108	265346	19.731	ng/u1	96
19) Hexachloroethane	8.769	117	117852	19.799	ng/u1	96
22) Nitrobenzene	8.910	77	309497	19.908	ng/u1	98
23) Isophorone	9.434	82	595782	19.277	ng/u1	100
25) 2-Nitrophenol	9.610	139	154217	19.907	ng/u1	98
26) 2,4-Dimethylphenol	9.675	107	300522	19.672	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	368901	19.637	ng/u1	100
29) 2,4-Dichlorophenol	10.146	162	261345	19.743	ng/u1	98
30) Naphthalene	10.540	128	860584	19.580	ng/u1	100
32) 4-Chloroaniline	10.657	127	334222	19.670	ng/u1	99
33) Hexachlorobutadiene	10.810	225	194675	19.614	ng/u1	98
34) Caprolactam	11.457	113	75306	18.467	ng/u1	98
35) 4-Chloro-3-methylphenol	11.793	107	277128	19.260	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	592810	19.649	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	605202	19.504	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	356420	20.010	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	167903	18.019	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	217672	19.340	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	228528	19.190	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	782181	19.514	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	625400	19.544	ng/ul	99
45) 2-Nitroaniline	13.445	65	167223	18.897	ng/ul	100
47) Dimethylphthalate	13.804	163	782233	19.335	ng/ul	100
48) 2,6-Dinitrotoluene	13.934	165	157021	19.413	ng/ul	98
50) Acenaphthylene	14.081	152	980656	19.346	ng/ul	99
51) 3-Nitroaniline	14.275	138	142763	20.283	ng/ul	96
52) Acenaphthene	14.422	153	651274	19.358	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	72028	16.957	ng/ul	95
55) 4-Nitrophenol	14.616	109	88187	19.111	ng/ul	92
56) Dibenzofuran	14.763	168	893130	19.386	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	215882	19.443	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	193708	18.996	ng/ul	99
59) Diethylphthalate	15.204	149	793396	19.623	ng/ul	99
61) Fluorene	15.422	166	731897	19.467	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	396344	19.428	ng/ul	98
63) 4-Nitroaniline	15.463	138	128474	22.041	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.528	198	128494	18.525	ng/ul	96
67) N-Nitrosodiphenylamine	15.639	169	608346	19.325	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	245343	19.363	ng/ul	97
69) Hexachlorobenzene	16.445	284	278827	19.192	ng/ul	98
70) Atrazine	16.634	200	224913	19.604	ng/ul	100
71) Pentachlorophenol	16.816	266	146105	18.516	ng/ul	95
72) Phenanthrene	17.216	178	1102405	19.658	ng/ul	100
74) Anthracene	17.310	178	1118248	19.560	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	342054	19.769	ng/ul	99
76) Pentachlorobenzene	14.675	250	340680	19.815	ng/ul	98
77) Carbazole	17.604	167	945135	20.223	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1269292	19.685	ng/ul	100
80) Fluoranthene	19.304	202	1250699	17.239	ng/ul	99
82) Pyrene	19.680	202	1284325	17.396	ng/ul	99
83) Butylbenzylphthalate	20.627	149	557181	18.114	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.522	252	440282	19.829	ng/ul	99
85) Benzo(a)anthracene	21.598	228	1296827	19.051	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	841330	19.006	ng/ul	99
87) Chrysene	21.663	228	1218529	19.265	ng/ul	99
89) Di-n-octyl phthalate	22.792	149	1450892	18.948	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1326522	18.858	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	1327128	18.905	ng/ul	100
93) Benzo(a)pyrene	24.804	252	1284121	19.318	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	1637974	19.123	ng/ul	100
95) Dibenzo(a,h)anthracene	28.839	278	1353458	19.082	ng/ul	100
96) Benzo(g,h,i)perylene	29.956	276	1332258	19.098	ng/ul	98

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

