

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021452.D
 Acq On : 08 Aug 2024 17:00
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020736

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 08 18:27:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	180389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	754017	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	493179	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1057201	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1028623	20.000	ng/u1	0.00
88) Perylene-d12	24.780	264	1073056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	32478	8.193	ng/uL	0.00
4) Pyridine-d5	3.581	84	214498	18.690	ng/u1	0.00
7) Phenol-d5	6.828	99	278864	18.962	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	175373	19.677	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	233088	19.236	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	226365	18.532	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	115004	19.637	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	128211	19.127	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	228504	18.852	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	316544	19.713	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	722920	20.164	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	808827	20.092	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	129179	25.325	ng/u1	0.00
60) Fluorene-d10	15.263	176	601122	20.438	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	116251	18.174	ng/u1	0.00
73) Anthracene-d10	17.175	188	935332	19.919	ng/u1	0.00
81) Pyrene-d10	19.557	212	1120543	17.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.563	264	1023351	19.337	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	35878	8.229	ng/uL	96
5) Pyridine	3.599	79	221114	18.680	ng/u1	94
6) Benzaldehyde	6.793	77	184111	24.832	ng/u1	98
8) Phenol	6.858	94	291146	19.564	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	237071	19.284	ng/u1	98
12) 2-Chlorophenol	7.187	128	237635	19.568	ng/u1	97
13) 2-Methylphenol	8.081	108	215733	18.745	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	363447	20.463	ng/u1#	95
16) Acetophenone	8.440	105	376420	19.967	ng/u1#	86
17) N-Nitroso-di-n-propyla...	8.410	70	195938	19.836	ng/u1	98
18) 4-Methylphenol	8.416	108	242313	19.653	ng/u1	93
19) Hexachloroethane	8.640	117	102894	18.854	ng/u1	93
22) Nitrobenzene	8.822	77	283795	20.229	ng/u1	98
23) Isophorone	9.328	82	548275	19.658	ng/u1	98
25) 2-Nitrophenol	9.516	139	136684	19.551	ng/u1	100
26) 2,4-Dimethylphenol	9.593	107	271098	19.665	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.799	93	328689	19.388	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	226705	18.978	ng/u1	99
30) Naphthalene	10.422	128	777167	19.595	ng/u1	99
32) 4-Chloroaniline	10.575	127	304511	19.860	ng/u1	97
33) Hexachlorobutadiene	10.675	225	167670	18.720	ng/u1	98
34) Caprolactam	11.422	113	68467m	18.606	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	259566	19.990	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	533581	19.599	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	550620	19.664	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	310461	19.384	ng/ul	97
40) Hexachlorocyclopentadiene	12.351	237	203459	24.283	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	191138	18.886	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	201539	18.822	ng/ul	99
43) 1,1'-Biphenyl	13.057	154	710496	19.713	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	566187	19.678	ng/ul	100
45) 2-Nitroaniline	13.363	65	172232	21.645	ng/ul	94
47) Dimethylphthalate	13.716	163	721599	19.836	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	147436	20.272	ng/ul	97
50) Acenaphthylene	13.963	152	908187	19.926	ng/ul	100
51) 3-Nitroaniline	14.216	138	139362	22.020	ng/ul	97
52) Acenaphthene	14.310	153	609188	20.137	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	86351m	22.609	ng/ul	
55) 4-Nitrophenol	14.592	109	103180m	24.867	ng/ul	
56) Dibenzofuran	14.657	168	847450	20.457	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	218637	21.899	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.916	232	180323	19.666	ng/ul#	96
59) Diethylphthalate	15.092	149	737639	20.290	ng/ul	99
61) Fluorene	15.316	166	689171	20.386	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	360158	19.634	ng/ul	95
63) 4-Nitroaniline	15.410	138	131394	25.070	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.463	198	120200	17.720	ng/ul#	92
67) N-Nitrosodiphenylamine	15.545	169	588718	19.123	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	228839	18.467	ng/ul	98
69) Hexachlorobenzene	16.351	284	270491	19.038	ng/ul	98
70) Atrazine	16.528	200	226731	20.208	ng/ul	99
71) Pentachlorophenol	16.739	266	156182	20.239	ng/ul	94
72) Phenanthrene	17.116	178	1093250	19.934	ng/ul	100
74) Anthracene	17.210	178	1124103	20.105	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	309028	18.263	ng/uL	98
76) Pentachlorobenzene	14.569	250	308983	18.377	ng/uL	98
77) Carbazole	17.516	167	905515	19.812	ng/ul	100
78) Di-n-butylphthalate	18.057	149	1224692	19.422	ng/ul	100
80) Fluoranthene	19.216	202	1314739	17.119	ng/ul	99
82) Pyrene	19.592	202	1369607	17.525	ng/ul	99
83) Butylbenzylphthalate	20.522	149	569770	17.499	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	413725	17.602	ng/ul	100
85) Benzo(a)anthracene	21.492	228	1366207	18.960	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	816902	17.434	ng/ul	100
87) Chrysene	21.563	228	1286298	19.211	ng/ul	100
89) Di-n-octyl phthalate	22.621	149	1367605	19.293	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	1318681	20.251	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	1302287	20.039	ng/ul	99
93) Benzo(a)pyrene	24.633	252	1162999	18.900	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.521	276	1591422	20.070	ng/ul	99
95) Dibenzo(a,h)anthracene	28.562	278	1333753	20.312	ng/ul	99
96) Benzo(g,h,i)perylene	29.703	276	1262251	19.546	ng/ul	100

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

