

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021749.D
 Acq On : 30 Aug 2024 11:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

Quant Time: Aug 30 12:43:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	310034	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1214352	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	768948	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1627134	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	1593610	20.000	ng/u1	0.02
88) Perylene-d12	25.086	264	1847280	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	75397	8.074	ng/uL	0.00
4) Pyridine-d5	3.693	84	542185	20.073	ng/u1	0.00
7) Phenol-d5	6.963	99	638603	19.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	348030	19.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	434731	20.351	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	481173	18.820	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	202019	20.678	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	214452	21.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	404295	20.688	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	558393	19.640	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1174999	19.970	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	1346290	20.380	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.639	143	224860	20.088	ng/u1	0.01
60) Fluorene-d10	15.434	176	984574	19.904	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	172388	19.263	ng/u1	0.00
73) Anthracene-d10	17.328	188	1547970	20.046	ng/u1	-0.01
81) Pyrene-d10	19.698	212	1845137	20.255	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.857	264	1978101	20.082	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	78646	7.924	ng/uL	96
5) Pyridine	3.716	79	534946	19.819	ng/u1	98
6) Benzaldehyde	6.934	77	402509	23.784	ng/u1	98
8) Phenol	6.987	94	662448	19.201	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	519275	19.364	ng/u1	100
12) 2-Chlorophenol	7.357	128	452688	20.191	ng/u1	99
13) 2-Methylphenol	8.228	108	475212	19.094	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	505016	19.511	ng/u1	99
16) Acetophenone	8.599	105	773386	18.868	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	354353	18.319	ng/u1	99
18) 4-Methylphenol	8.552	108	515495	18.919	ng/u1	100
19) Hexachloroethane	8.863	117	204787	20.428	ng/u1	98
22) Nitrobenzene	8.975	77	561896	20.625	ng/u1	99
23) Isophorone	9.504	82	1048163	19.174	ng/u1	100
25) 2-Nitrophenol	9.681	139	235994	21.478	ng/u1	97
26) 2,4-Dimethylphenol	9.751	107	547761	20.312	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.975	93	677464	19.760	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	405663	20.657	ng/u1	98
30) Naphthalene	10.622	128	1383196	20.210	ng/u1	99
32) 4-Chloroaniline	10.728	127	568327	19.799	ng/u1	98
33) Hexachlorobutadiene	10.910	225	269714	20.470	ng/u1	98
34) Caprolactam	11.504	113	154176	18.566	ng/u1	97
35) 4-Chloro-3-methylphenol	11.863	107	518974	19.967	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	914177	19.748	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	924049	19.846	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	499970	20.630	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	201513	14.491	ng/ul	98
41) 2,4,6-Trichlorophenol	12.845	196	321084	20.577	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	350612	20.809	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1187854	20.418	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	920526	20.180	ng/ul	99
45) 2-Nitroaniline	13.492	65	303736	21.255	ng/ul	96
47) Dimethylphthalate	13.875	163	1172148	19.896	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	230993	21.259	ng/ul	99
50) Acenaphthylene	14.145	152	1439443	20.261	ng/ul	99
51) 3-Nitroaniline	14.328	138	257755	21.709	ng/ul	98
52) Acenaphthene	14.492	153	1005190	20.119	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	114051	17.533	ng/ul	94
55) 4-Nitrophenol	14.651	109	207777	20.272	ng/ul	97
56) Dibenzofuran	14.834	168	1398601	20.234	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	342044	20.949	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.063	232	296134	20.400	ng/ul	97
59) Diethylphthalate	15.263	149	1186908	20.062	ng/ul	99
61) Fluorene	15.492	166	1129340	20.200	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	559647	19.922	ng/ul	99
63) 4-Nitroaniline	15.504	138	261499	22.788	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	193851	19.364	ng/ul	95
67) N-Nitrosodiphenylamine	15.704	169	974658	20.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	350907	19.535	ng/ul	96
69) Hexachlorobenzene	16.522	284	416480	19.530	ng/ul	97
70) Atrazine	16.686	200	371831	20.479	ng/ul	98
71) Pentachlorophenol	16.881	266	266944	19.560	ng/ul	99
72) Phenanthrene	17.275	178	1811893	20.283	ng/ul	99
74) Anthracene	17.369	178	1848978	20.431	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	502139	20.757	ng/uL	98
76) Pentachlorobenzene	14.751	250	501743	20.010	ng/uL	99
77) Carbazole	17.645	167	1703039	20.923	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2054439	20.736	ng/ul	100
80) Fluoranthene	19.357	202	2147911	20.205	ng/ul	99
82) Pyrene	19.727	202	2321921	20.623	ng/ul	99
83) Butylbenzylphthalate	20.680	149	989442	21.464	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	802867	19.991	ng/ul	98
85) Benzo(a)anthracene	21.663	228	2295215	20.247	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.610	149	1422261	20.904	ng/ul	100
87) Chrysene	21.733	228	2118911	19.861	ng/ul	100
89) Di-n-octyl phthalate	22.910	149	2406784	20.583	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	2307557	19.964	ng/ul	99
91) Benzo(k)fluoranthene	24.080	252	2276971	20.122	ng/ul	100
93) Benzo(a)pyrene	24.939	252	2118980	19.899	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.950	276	2767574m	20.156	ng/ul	
95) Dibenzo(a,h)anthracene	29.033	278	2242558	20.325	ng/ul	100
96) Benzo(g,h,i)perylene	30.139	276	2149322	20.260	ng/ul	99

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

