

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP019998.D
 Acq On : 26 Mar 2024 15:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020765

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024

Quant Time: Mar 27 00:00:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	117569	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	475379	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	299754	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	582143	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	512551	20.000	ng/u1	-0.01
88) Perylene-d12	24.833	264	598676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	23668	8.820	ng/uL	0.00
4) Pyridine-d5	3.640	84	167267	20.644	ng/u1	0.00
7) Phenol-d5	6.799	99	200844	20.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	138699	21.470	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	146685	20.599	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	160432	20.913	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	74018	20.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	85657	21.011	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	152560	20.491	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	199493	20.554	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	419773	19.974	ng/u1	0.01
49) Acenaphthylene-d8	13.934	160	505101	20.574	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	61401	18.584	ng/u1	0.00
60) Fluorene-d10	15.263	176	357550	19.972	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	66382	19.050	ng/u1	0.00
73) Anthracene-d10	17.175	188	536332	20.813	ng/u1	0.00
81) Pyrene-d10	19.569	212	600714	19.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	589633	20.501	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	25902	8.459	ng/uL	99
5) Pyridine	3.658	79	171163	20.725	ng/u1	96
6) Benzaldehyde	6.787	77	132774	27.079	ng/u1	94
8) Phenol	6.828	94	212194	20.469	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	175980	20.961	ng/u1	99
12) 2-Chlorophenol	7.181	128	153209	20.415	ng/u1	97
13) 2-Methylphenol	8.046	108	156323	20.918	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	249692	21.629	ng/u1	99
16) Acetophenone	8.428	105	262080	21.179	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.405	70	148680	21.542	ng/u1	99
18) 4-Methylphenol	8.363	108	167627	20.840	ng/u1	99
19) Hexachloroethane	8.657	117	72617	20.833	ng/u1	98
22) Nitrobenzene	8.799	77	224801	21.660	ng/u1	98
23) Isophorone	9.316	82	400275	20.690	ng/u1	97
25) 2-Nitrophenol	9.504	139	90043	21.187	ng/u1	98
26) 2,4-Dimethylphenol	9.552	107	191393	20.630	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.799	93	234240	20.706	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	149969	20.590	ng/u1	100
30) Naphthalene	10.422	128	504672	20.694	ng/u1	99
32) 4-Chloroaniline	10.540	127	200657	21.066	ng/u1	99
33) Hexachlorobutadiene	10.675	225	117195	20.418	ng/u1	99
34) Caprolactam	11.334	113	45084m	19.913	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	173767	21.477	ng/u1	96
36) 2-Methylnaphthalene	12.034	142	339057	20.881	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	339035	20.877	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.404	216	202702	20.453	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	103244	18.410	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	123526	20.289	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	129182	20.514	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	440357	20.286	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	363127	20.743	ng/ul	99
45) 2-Nitroaniline	13.328	65	118876	21.558	ng/ul	98
47) Dimethylphthalate	13.704	163	426831	20.121	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	86799	20.153	ng/ul	99
50) Acenaphthylene	13.963	152	576048	20.981	ng/ul	100
51) 3-Nitroaniline	14.175	138	82602	20.825	ng/ul	98
52) Acenaphthene	14.310	153	375886	20.609	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	41876	17.084	ng/ul	95
55) 4-Nitrophenol	14.498	109	56386	18.597	ng/ul	96
56) Dibenzofuran	14.663	168	507377	20.484	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	119976	20.374	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.887	232	109979	20.366	ng/ul	99
59) Diethylphthalate	15.110	149	419119	19.924	ng/ul	99
61) Fluorene	15.316	166	417049	20.643	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	217399	20.091	ng/ul	97
63) 4-Nitroaniline	15.369	138	69664m	20.564	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	71759	19.404	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	342469	21.298	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	128845	20.393	ng/ul	94
69) Hexachlorobenzene	16.351	284	144240	20.560	ng/ul	98
70) Atrazine	16.534	200	121575	19.734	ng/ul	99
71) Pentachlorophenol	16.710	266	79524	19.337	ng/ul	99
72) Phenanthrene	17.122	178	613671	20.389	ng/ul	100
74) Anthracene	17.204	178	644367	21.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.016	216	198935	20.960	ng/uL	95
76) Pentachlorobenzene	14.557	250	183985	20.931	ng/uL	99
77) Carbazole	17.510	167	537727	20.577	ng/ul	98
78) Di-n-butylphthalate	18.092	149	641329	19.655	ng/ul	98
80) Fluoranthene	19.222	202	707335	20.025	ng/ul	98
82) Pyrene	19.604	202	731543	19.927	ng/ul	99
83) Butylbenzylphthalate	20.574	149	279933	18.779	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	224517	20.598	ng/ul	98
85) Benzo(a)anthracene	21.516	228	733360	20.676	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	394745	18.122	ng/ul	98
87) Chrysene	21.592	228	689565	20.911	ng/ul	99
89) Di-n-octyl phthalate	22.733	149	689717	18.165	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	723663	20.617	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	712345	19.971	ng/ul	100
93) Benzo(a)pyrene	24.680	252	688701	20.285	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.533	276	854423m	19.980	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	703816	20.233	ng/ul	99
96) Benzo(g,h,i)perylene	29.703	276	691918m	20.031	ng/ul	

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

