

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021632.D
 Acq On : 26 Aug 2024 09:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020740

Quant Time: Aug 26 11:12:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 17:51:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	286134	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1156614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	757051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1678255	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	1713979	20.000	ng/u1	-0.02
88) Perylene-d12	25.121	264	2020503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	70649	8.197	ng/uL	0.00
4) Pyridine-d5	3.693	84	510296	20.470	ng/u1	0.00
7) Phenol-d5	6.963	99	581270	19.035	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	328036	19.740	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	384350	19.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	441772	18.722	ng/u1	-0.01
21) Nitrobenzene-d5	8.940	128	184619	19.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	176078	18.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	373927	20.089	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	535703	19.782	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1157459	19.981	ng/u1	-0.01
49) Acenaphthylene-d8	14.122	160	1302740	20.031	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	211655	19.205	ng/u1	0.00
60) Fluorene-d10	15.439	176	979547	20.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	155266	16.821	ng/u1	0.00
73) Anthracene-d10	17.333	188	1584710	19.896	ng/u1	-0.01
81) Pyrene-d10	19.716	212	1898660	19.378	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.886	264	2139588	19.859	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	74941	8.182	ng/uL	98
5) Pyridine	3.711	79	507947	20.391	ng/u1	100
6) Benzaldehyde	6.940	77	373427	23.909	ng/u1	98
8) Phenol	6.987	94	613489	19.268	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	486607	19.661	ng/u1	99
12) 2-Chlorophenol	7.363	128	407965	19.716	ng/u1	99
13) 2-Methylphenol	8.228	108	435695	18.968	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	475101	19.888	ng/u1	98
16) Acetophenone	8.604	105	736997	19.482	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	349753	19.592	ng/u1	98
18) 4-Methylphenol	8.552	108	481699	19.155	ng/u1	99
19) Hexachloroethane	8.875	117	184770	19.971	ng/u1	98
22) Nitrobenzene	8.981	77	520766	20.070	ng/u1	98
23) Isophorone	9.516	82	1038480	19.945	ng/u1	99
25) 2-Nitrophenol	9.693	139	203028	19.400	ng/u1	99
26) 2,4-Dimethylphenol	9.752	107	513212	19.980	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.987	93	653647	20.017	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	375422	20.072	ng/u1	98
30) Naphthalene	10.628	128	1311532	20.120	ng/u1	100
32) 4-Chloroaniline	10.728	127	550233	20.126	ng/u1	97
33) Hexachlorobutadiene	10.922	225	250609	19.969	ng/u1	98
34) Caprolactam	11.498	113	146490	18.521	ng/u1	94
35) 4-Chloro-3-methylphenol	11.857	107	488032	19.714	ng/u1	99
36) 2-Methylnaphthalene	12.245	142	878915	19.934	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	881034	19.866	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	484109	20.289	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	261586	19.106	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	301407	19.620	ng/ul	100
42) 2,4,5-Trichlorophenol	12.928	196	327977	19.771	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1146792	20.022	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	902268	20.091	ng/ul	100
45) 2-Nitroaniline	13.492	65	284826	20.245	ng/ul	98
47) Dimethylphthalate	13.887	163	1170363	20.177	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	212950	19.907	ng/ul	99
50) Acenaphthylene	14.151	152	1410639	20.167	ng/ul	99
51) 3-Nitroaniline	14.328	138	239454	20.484	ng/ul	98
52) Acenaphthene	14.498	153	983806	20.000	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	100790	15.738	ng/ul	98
55) 4-Nitrophenol	14.645	109	202283	20.046	ng/ul	97
56) Dibenzofuran	14.839	168	1389450	20.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.792	165	325601	20.255	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	278521	19.488	ng/ul	99
59) Diethylphthalate	15.269	149	1176221	20.194	ng/ul	100
61) Fluorene	15.498	166	1134707	20.615	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	564068	20.395	ng/ul	99
63) 4-Nitroaniline	15.504	138	253138	22.406	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.575	198	181339	17.563	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	977043	19.790	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	360709	19.469	ng/ul	99
69) Hexachlorobenzene	16.528	284	426423	19.388	ng/ul	98
70) Atrazine	16.686	200	372090	19.869	ng/ul	99
71) Pentachlorophenol	16.881	266	258483	18.363	ng/ul	98
72) Phenanthrene	17.281	178	1833677	19.902	ng/ul	99
74) Anthracene	17.369	178	1847163	19.789	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	489992	19.638	ng/ul	99
76) Pentachlorobenzene	14.757	250	505089	19.530	ng/ul	99
77) Carbazole	17.651	167	1750775	20.854	ng/ul	99
78) Di-n-butylphthalate	18.257	149	2048390	20.045	ng/ul	100
80) Fluoranthene	19.369	202	2247086	19.653	ng/ul	98
82) Pyrene	19.739	202	2364066	19.523	ng/ul	98
83) Butylbenzylphthalate	20.692	149	923174	18.620	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.592	252	860197	19.915	ng/ul	98
85) Benzo(a)anthracene	21.674	228	2444678	20.051	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.633	149	1415717	19.346	ng/ul	99
87) Chrysene	21.745	228	2256297	19.664	ng/ul	99
89) Di-n-octyl phthalate	22.945	149	2362474	18.472	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	2497148	19.752	ng/ul	99
91) Benzo(k)fluoranthene	24.110	252	2445735	19.761	ng/ul	99
93) Benzo(a)pyrene	24.968	252	2342625	20.113	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.015	276	3022771m	20.128	ng/ul	
95) Dibenzo(a,h)anthracene	29.098	278	2440171m	20.220	ng/ul	
96) Benzo(g,h,i)perylene	30.192	276	2340889	20.174	ng/ul	99

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

