

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050124\
 Data File : BP020135.D
 Acq On : 01 May 2024 15:35
 Operator : MA/JU
 Sample : SSTD04010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040633

Quant Time: May 01 16:43:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 16:39:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	100137	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	418076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	270995	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	520123	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	386099	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	443034	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	37699	16.102	ng/uL	0.00
4) Pyridine-d5	3.622	84	282589	41.131	ng/u1	0.00
7) Phenol-d5	6.816	99	346310	41.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	214056	40.337	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	256773	42.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	281150	42.702	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	132777	41.927	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	152906	43.382	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	276632	41.904	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	366046	41.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	778977	39.953	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	902069	41.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	116033	36.830	ng/u1	0.00
60) Fluorene-d10	15.333	176	643542	38.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	132701	40.107	ng/u1	0.00
73) Anthracene-d10	17.251	188	923493	40.378	ng/u1	0.00
81) Pyrene-d10	19.651	212	952397	45.041	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	874363	40.592	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	41550	15.919	ng/uL	97
5) Pyridine	3.640	79	286078	40.676	ng/u1	95
6) Benzaldehyde	6.805	77	209710	46.400	ng/u1	98
8) Phenol	6.846	94	358260	41.104	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	283845	41.256	ng/u1	99
12) 2-Chlorophenol	7.205	128	265256	42.515	ng/u1	98
13) 2-Methylphenol	8.075	108	267491	41.847	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	352588	38.408	ng/u1	99
16) Acetophenone	8.457	105	464115	42.420	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	255130	42.902	ng/u1	96
18) 4-Methylphenol	8.404	108	290163	42.565	ng/u1	93
19) Hexachloroethane	8.681	117	120268	40.529	ng/u1	93
22) Nitrobenzene	8.834	77	379043	40.864	ng/u1	99
23) Isophorone	9.357	82	695858	41.017	ng/u1	99
25) 2-Nitrophenol	9.534	139	159047	42.954	ng/u1	92
26) 2,4-Dimethylphenol	9.593	107	330385	42.009	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	390238	40.415	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	266553	40.929	ng/u1	99
30) Naphthalene	10.457	128	875908	40.850	ng/u1	99
32) 4-Chloroaniline	10.587	127	352279	40.500	ng/u1	99
33) Hexachlorobutadiene	10.722	225	201659	38.071	ng/u1	96
34) Caprolactam	11.398	113	84215m	37.796	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	321757	41.766	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	600328	41.310	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	600660	40.866	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	361107	40.846	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	197493	41.956	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	228172	41.713	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	230785	39.669	ng/ul	94
43) 1,1'-Biphenyl	13.116	154	795796	41.937	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	628528	41.204	ng/ul	99
45) 2-Nitroaniline	13.387	65	218662	41.685	ng/ul	97
47) Dimethylphthalate	13.769	163	781951	39.471	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	164342	41.229	ng/ul	97
50) Acenaphthylene	14.022	152	1012347	41.407	ng/ul	100
51) 3-Nitroaniline	14.239	138	150270	40.662	ng/ul	91
52) Acenaphthene	14.375	153	671362	41.516	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	92613	37.296	ng/ul	95
55) 4-Nitrophenol	14.569	109	126205	37.928	ng/ul	94
56) Dibenzofuran	14.722	168	903654	39.946	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	226859	38.854	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	205397	38.249	ng/ul	97
59) Diethylphthalate	15.169	149	767901	38.454	ng/ul	100
61) Fluorene	15.392	166	747277	39.562	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.392	204	395792	38.554	ng/ul	94
63) 4-Nitroaniline	15.439	138	125094	38.081	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	138308	40.100	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	610036	44.288	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	242143	42.922	ng/ul	93
69) Hexachlorobenzene	16.416	284	271767	47.805	ng/ul	98
70) Atrazine	16.622	200	206831	39.110	ng/ul	99
71) Pentachlorophenol	16.780	266	155865	38.577	ng/ul	99
72) Phenanthrene	17.192	178	1076438	40.790	ng/ul	99
74) Anthracene	17.286	178	1093887	40.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	353177	46.288	ng/uL	98
76) Pentachlorobenzene	14.628	250	336068	44.574	ng/uL	96
77) Carbazole	17.580	167	922931	38.525	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1096560	37.089	ng/ul	100
80) Fluoranthene	19.304	202	1122296	45.704	ng/ul	99
82) Pyrene	19.680	202	1163283	45.181	ng/ul	99
83) Butylbenzylphthalate	20.651	149	423595	41.829	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	334689	39.045	ng/ul	98
85) Benzo(a)anthracene	21.616	228	1071133	40.573	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.568	149	599724	40.572	ng/ul	99
87) Chrysene	21.686	228	995050	40.505	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	993535	37.616	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1069545	40.674	ng/ul	99
91) Benzo(k)fluoranthene	24.009	252	1052762	39.870	ng/ul	98
93) Benzo(a)pyrene	24.845	252	1044021	41.491	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1346450m	44.562	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	1105542m	44.438	ng/ul	
96) Benzo(g,h,i)perylene	30.027	276	1100611m	45.383	ng/ul	

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

