

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090122\
 Data File : BP011603.D
 Acq On : 01 Sep 2022 12:32
 Operator : CG/JU
 Sample : SST04052
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD040613

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

09/02/2022

Supervised By :Sohil
Jodhani

09/02/2022

Quant Time: Sep 01 13:46:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 01 13:42:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	510452	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	2170299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1288263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	2601529	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	2466721	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	2419319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	191242	15.886	ng/uL	0.00
4) Pyridine-d5	3.781	84	1344781	41.575	ng/u1	0.00
7) Phenol-d5	7.122	99	1762954	41.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	1048549	41.358	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	1406996	44.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1355636	42.948	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	640211	50.082	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	572040	57.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1354096	45.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1940530	40.838	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	3683958	42.288	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4502337	43.138	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	642021	43.930	ng/u1	0.00
60) Fluorene-d10	15.610	176	3251874	41.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	383072	45.029	ng/u1	0.00
73) Anthracene-d10	17.475	188	4900843	42.071	ng/u1	0.00
81) Pyrene-d10	19.698	212	5395288	43.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.768	264	5194336	44.397	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	199031	15.666	ng/uL	100
5) Pyridine	3.799	79	1339989	41.938	ng/u1	93
6) Benzaldehyde	7.110	77	883993	45.112	ng/u1	99
8) Phenol	7.152	94	1792598	41.444	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.399	93	1414010	41.609	ng/u1	99
12) 2-Chlorophenol	7.534	128	1472796	43.898	ng/u1	99
13) 2-Methylphenol	8.416	108	1371647	41.776	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	1825189	40.391	ng/u1	98
16) Acetophenone	8.805	105	2161791	41.824	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.793	70	1044479	43.598	ng/u1	96
18) 4-Methylphenol	8.746	108	1467045	42.251	ng/u1	99
19) Hexachloroethane	9.063	117	575600	42.621	ng/u1	99
22) Nitrobenzene	9.187	77	1471791	45.947	ng/u1	97
23) Isophorone	9.716	82	2921837	42.368	ng/u1	99
25) 2-Nitrophenol	9.899	139	692839	55.629	ng/u1	98
26) 2,4-Dimethylphenol	9.957	107	1572489	42.980	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	1843667	42.470	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	1368708	44.559	ng/u1	98
30) Naphthalene	10.840	128	4668508	41.718	ng/u1	99
32) 4-Chloroaniline	10.951	127	1981492	40.713	ng/u1	99
33) Hexachlorobutadiene	11.134	225	882368	42.703	ng/u1	99
34) Caprolactam	11.710	113	386214m	41.705	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	1358390	43.839	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	3155307	42.206	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	3156486	41.908	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	1686514	43.481	ng/u1	99
40) Hexachlorocyclopentadiene	12.798	237	973946	44.162	ng/u1	98
41) 2,4,6-Trichlorophenol	13.051	196	999928	47.912	ng/u1	98
42) 2,4,5-Trichlorophenol	13.116	196	1097544	47.537	ng/u1	99
43) 1,1'-Biphenyl	13.457	154	4099583	42.096	ng/u1	98
44) 2-Chloronaphthalene	13.498	162	3151755	42.371	ng/u1	100
45) 2-Nitroaniline	13.692	65	733618	52.898	ng/u1	97
47) Dimethylphthalate	14.075	163	3742166	42.023	ng/u1	100
48) 2,6-Dinitrotoluene	14.192	165	686593	53.397	ng/u1	91
50) Acenaphthylene	14.339	152	5027177	41.945	ng/u1	99
51) 3-Nitroaniline	14.516	138	732908	45.984	ng/u1#	95
52) Acenaphthene	14.681	153	3246499	41.624	ng/u1	100
53) 2,4-Dinitrophenol	14.716	184	238404	43.756	ng/u1	96
55) 4-Nitrophenol	14.816	109	486277	41.444	ng/u1	94
56) Dibenzofuran	15.016	168	4603649	41.630	ng/u1	99
57) 2,4-Dinitrotoluene	14.975	165	950085	52.834	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.239	232	830593	48.747	ng/u1	96
59) Diethylphthalate	15.445	149	3692300	42.238	ng/u1	99
61) Fluorene	15.669	166	3744429	41.279	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.663	204	1899691	42.113	ng/u1	99
63) 4-Nitroaniline	15.681	138	718490	46.682	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.734	198	420206	45.247	ng/u1	98
67) N-Nitrosodiphenylamine	15.875	169	3150645	42.356	ng/u1	99
68) 4-Bromophenyl-phenylether	16.563	248	1143088	43.724	ng/u1	98
69) Hexachlorobenzene	16.669	284	1339350	42.691	ng/u1	99
70) Atrazine	16.833	200	1138797	42.311	ng/u1	98
71) Pentachlorophenol	17.016	266	697445	43.674	ng/u1	99
72) Phenanthrene	17.416	178	5669863	41.229	ng/u1	99
74) Anthracene	17.510	178	5754476	41.643	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	1723203	44.550	ng/uL	100
76) Pentachlorobenzene	14.934	250	1600019	43.674	ng/uL	99
77) Carbazole	17.769	167	5167407	41.772	ng/u1	99
78) Di-n-butylphthalate	18.328	149	6136797	45.738	ng/u1	99
80) Fluoranthene	19.375	202	6559781	43.832	ng/u1	98
82) Pyrene	19.727	202	6639732	42.612	ng/u1	99
83) Butylbenzylphthalate	20.604	149	2437131	56.075	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.369	252	1933554	43.572	ng/u1	99
85) Benzo(a)anthracene	21.439	228	6308639	41.913	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	3880928	52.596	ng/u1	98
87) Chrysene	21.492	228	6086225	41.686	ng/u1	98
89) Di-n-octyl phthalate	22.327	149	6263016	50.619	ng/u1	100
90) Benzo(b)fluoranthene	23.174	252	6568531	44.187	ng/u1	99
91) Benzo(k)fluoranthene	23.227	252	6229046	43.105	ng/u1	99
93) Benzo(a)pyrene	23.821	252	6359933	43.626	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	7427267	43.827	ng/u1	99
95) Dibenzo(a,h)anthracene	26.557	278	6395401	43.869	ng/u1	100
96) Benzo(g,h,i)perylene	27.327	276	6093816	42.743	ng/u1	99

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

