

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080822\
 Data File : BP011314.D
 Acq On : 08 Aug 2022 16:51
 Operator : CG/JU
 Sample : SST04041
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040641

Quant Time: Aug 08 17:32:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 17:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	163244	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	705108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	390160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	758254	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	692368	20.000	ng/u1	0.00
88) Perylene-d12	23.474	264	685276	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	88478m	43.823	ng/uL	0.00
4) Pyridine-d5	3.499	84	568836	104.452	ng/u1	0.00
7) Phenol-d5	6.775	99	601674	44.227	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	429716	43.775	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	486175	43.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	481846	43.046	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	221777	43.729	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	207814	43.714	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	391864	43.226	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	648845	46.264	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	1159658	43.397	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1434374	42.663	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	216642	47.676	ng/u1	0.00
60) Fluorene-d10	15.269	176	983205	43.241	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	147905	42.008	ng/u1	0.00
73) Anthracene-d10	17.139	188	1462011	43.872	ng/u1	0.00
81) Pyrene-d10	19.398	212	1634597	46.694	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.327	264	1495785	43.803	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	93727	50.336	ng/uL#	82
5) Pyridine	3.517	79	586560	106.367	ng/u1	92
6) Benzaldehyde	6.746	77	355277	53.422	ng/u1	97
8) Phenol	6.805	94	649006	44.490	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.034	93	524317	43.804	ng/u1	96
12) 2-Chlorophenol	7.158	128	508796	44.175	ng/u1	98
13) 2-Methylphenol	8.046	108	477386	43.251	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	794664	38.959	ng/u1	97
16) Acetophenone	8.422	105	768927	42.387	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	400711	45.395	ng/u1	96
18) 4-Methylphenol	8.381	108	513372	43.369	ng/u1	100
19) Hexachloroethane	8.657	117	214010	38.748	ng/u1	98
22) Nitrobenzene	8.799	77	602549	43.353	ng/u1	97
23) Isophorone	9.328	82	1092765	44.185	ng/u1	100
25) 2-Nitrophenol	9.504	139	238625	43.376	ng/u1	96
26) 2,4-Dimethylphenol	9.575	107	563524	45.279	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	673214	43.237	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	403874	42.629	ng/u1	100
30) Naphthalene	10.434	128	1591738	42.761	ng/u1	99
32) 4-Chloroaniline	10.557	127	644214	45.351	ng/u1	98
33) Hexachlorobutadiene	10.716	225	237646	40.157	ng/u1	99
34) Caprolactam	11.357	113	134689m	47.997	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	492364	45.954	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	1011668	43.496	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	1023263	43.796	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	425426	39.870	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	221838	32.905	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	278151	41.610	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	300970	41.955	ng/ul	100
43) 1,1'-Biphenyl	13.093	154	1274276	40.922	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	951325	40.953	ng/ul	98
45) 2-Nitroaniline	13.351	65	295227	52.835	ng/ul	96
47) Dimethylphthalate	13.740	163	1166457	43.270	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	212672	52.556	ng/ul	96
50) Acenaphthylene	13.987	152	1604856	42.243	ng/ul	99
51) 3-Nitroaniline	14.187	138	229934	51.516	ng/ul	96
52) Acenaphthene	14.328	153	1039460	42.300	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	106033	44.125	ng/ul	97
55) 4-Nitrophenol	14.510	109	199276	48.595	ng/ul	91
56) Dibenzofuran	14.669	168	1397124	41.546	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	319182	50.085	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	230890	42.625	ng/ul	97
59) Diethylphthalate	15.116	149	1229394	44.190	ng/ul	98
61) Fluorene	15.328	166	1149001	42.883	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	496608	41.970	ng/ul	97
63) 4-Nitroaniline	15.363	138	229889m	61.558	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	151067	41.493	ng/ul#	94
67) N-Nitrosodiphenylamine	15.545	169	971982	43.856	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	285265	41.704	ng/ul	96
69) Hexachlorobenzene	16.328	284	327285	40.961	ng/ul	96
70) Atrazine	16.522	200	321401	48.478	ng/ul	100
71) Pentachlorophenol	16.686	266	191163	40.848	ng/ul	98
72) Phenanthrene	17.081	178	1776793	42.800	ng/ul	100
74) Anthracene	17.175	178	1786088	43.261	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	445143	38.362	ng/uL	100
76) Pentachlorobenzene	14.581	250	396020	40.035	ng/uL	98
77) Carbazole	17.451	167	1686650	45.549	ng/ul	100
78) Di-n-butylphthalate	18.028	149	1990065	43.326	ng/ul	99
80) Fluoranthene	19.069	202	1989819	46.477	ng/ul	99
82) Pyrene	19.427	202	2058552	46.077	ng/ul	98
83) Butylbenzylphthalate	20.327	149	714519	41.884	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.092	252	569696	50.309	ng/ul	98
85) Benzo(a)anthracene	21.151	228	1891119	43.701	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	1163951	39.932	ng/ul	98
87) Chrysene	21.204	228	1835069	43.084	ng/ul	99
89) Di-n-octyl phthalate	21.992	149	1989054	42.570	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	1913909	43.839	ng/ul	99
91) Benzo(k)fluoranthene	22.821	252	1850211	45.171	ng/ul	99
93) Benzo(a)pyrene	23.374	252	1847135	43.464	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.857	276	2040479	40.231	ng/ul	98
95) Dibenzo(a,h)anthracene	25.886	278	1748738	40.659	ng/ul	99
96) Benzo(g,h,i)perylene	26.598	276	1722381	39.629	ng/ul	98

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

