

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011280.D
 Acq On : 05 Aug 2022 16:03
 Operator : CG/JU
 Sample : N4026-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GBJG8MSD

Quant Time: Aug 05 23:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	140625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	609074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	379496	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.039	188	672867	20.000	ng/u1	0.00
79) Chrysene-d12	21.169	240	849647	20.000	ng/u1	0.00
88) Perylene-d12	23.480	264	787028	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4507	2.591	ng/uL	0.00
4) Pyridine-d5	3.505	84	32244	6.873	ng/u1	0.00
7) Phenol-d5	6.781	99	63651	5.431	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	292474	34.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	201149	21.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	105208	10.910	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	188322	42.987	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	136010	33.121	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	254631	32.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	155358	12.824	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	848691	32.652	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1259157	38.504	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	22992	5.202	ng/u1	0.00
60) Fluorene-d10	15.275	176	918362	41.525	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	139441	44.630	ng/u1	0.00
73) Anthracene-d10	17.139	188	1439154	48.666	ng/u1	0.00
81) Pyrene-d10	19.404	212	1571831	36.590	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.333	264	1716278	43.762	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	5751	3.585	ng/uL#	72
5) Pyridine	3.528	79	35481	7.469	ng/u1	92
6) Benzaldehyde	6.752	77	257900m	45.018	ng/u1	
8) Phenol	6.811	94	69526	5.533	ng/u1#	95
10) Bis(2-Chloroethyl)ether	7.040	93	363020	35.206	ng/u1	97
12) 2-Chlorophenol	7.164	128	246558	24.850	ng/u1	98
13) 2-Methylphenol	8.058	108	133443	14.035	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.140	45	576145	32.790	ng/u1	96
16) Acetophenone	8.428	105	755773	48.363	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	275135	36.182	ng/u1	99
18) 4-Methylphenol	8.387	108	154390	15.141	ng/u1	99
19) Hexachloroethane	8.663	117	200705	42.184	ng/u1	99
22) Nitrobenzene	8.805	77	538095	44.820	ng/u1	98
23) Isophorone	9.334	82	704625	32.983	ng/u1	99
25) 2-Nitrophenol	9.510	139	181825	38.263	ng/u1	95
26) 2,4-Dimethylphenol	9.581	107	243342	22.635	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	470879	35.010	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	310788	37.976	ng/u1	97
30) Naphthalene	10.440	128	1404197	43.671	ng/u1	100
32) 4-Chloroaniline	10.563	127	404442	32.961	ng/u1	99
33) Hexachlorobutadiene	10.722	225	230095	45.011	ng/u1	99
34) Caprolactam	11.369	113	4942m	2.039	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	240010	25.933	ng/u1	97
36) 2-Methylnaphthalene	12.069	142	776467	38.647	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	835498	41.398	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	413117	39.804	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	151382	23.085	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	199681	30.711	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	240882	34.522	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1215302	40.125	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	917551	40.609	ng/ul	99
45) 2-Nitroaniline	13.357	65	169814	31.245	ng/ul	98
47) Dimethylphthalate	13.746	163	997349	38.037	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	167151	42.468	ng/ul	99
50) Acenaphthylene	13.987	152	1580294	42.766	ng/ul	99
51) 3-Nitroaniline	14.198	138	150252	34.609	ng/ul	95
52) Acenaphthene	14.334	153	1025770	42.916	ng/ul	95
53) 2,4-Dinitrophenol	14.404	184	75607	32.348	ng/ul	99
55) 4-Nitrophenol	14.516	109	20799	5.214	ng/ul	89
56) Dibenzofuran	14.675	168	1481917	45.306	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	282704	45.607	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	193360	36.700	ng/ul	99
59) Diethylphthalate	15.122	149	919057	33.963	ng/ul	99
61) Fluorene	15.328	166	1213203	46.551	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	534913	46.478	ng/ul	96
63) 4-Nitroaniline	15.369	138	171696m	47.268	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	146450	45.330	ng/ul	94
67) N-Nitrosodiphenylamine	15.551	169	874125	44.446	ng/ul	97
68) 4-Bromophenyl-phenylether	16.234	248	266863	43.965	ng/ul	96
69) Hexachlorobenzene	16.334	284	352061	49.653	ng/ul	96
70) Atrazine	16.522	200	173419	29.477	ng/ul	98
71) Pentachlorophenol	16.692	266	164589	39.633	ng/ul	98
72) Phenanthrene	17.087	178	1863096	50.574	ng/ul	100
74) Anthracene	17.175	178	1880539	51.329	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	380909	36.992	ng/ul	100
76) Pentachlorobenzene	14.587	250	430870	49.086	ng/ul	99
77) Carbazole	17.457	167	1646267	50.101	ng/ul	99
78) Di-n-butylphthalate	18.028	149	1259603	30.903	ng/ul#	96
80) Fluoranthene	19.075	202	1968607	37.470	ng/ul	99
82) Pyrene	19.428	202	2213682	40.377	ng/ul	99
83) Butylbenzylphthalate	20.328	149	373347	17.834	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.098	252	351200	25.273	ng/ul	98
85) Benzo(a)anthracene	21.157	228	2170283	40.869	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	692024	19.347	ng/ul	100
87) Chrysene	21.204	228	2152328	41.178	ng/ul	99
89) Di-n-octyl phthalate	21.998	149	1224770	22.824	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	2280507	45.482	ng/ul	99
91) Benzo(k)fluoranthene	22.827	252	2214399	47.073	ng/ul	100
93) Benzo(a)pyrene	23.386	252	2248619	46.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.874	276	2580752	44.305	ng/ul	98
95) Dibenzo(a,h)anthracene	25.892	278	2235878	45.264	ng/ul	99
96) Benzo(g,h,i)perylene	26.604	276	2182542	43.724	ng/ul	98

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

