

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072822\
 Data File : BP011158.D
 Acq On : 28 Jul 2022 12:45
 Operator : CG/JU
 Sample : SST01025
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010625

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 28 14:11:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 14:10:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	272369	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1144918	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	581589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1047513	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.210	240	1052649	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	1147206	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	23188	3.069	ng/uL	0.00
4) Pyridine-d5	3.564	84	148206	7.589	ng/u1	0.00
7) Phenol-d5	6.828	99	196226	8.777	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	150519	10.470	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	166307	9.206	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	156817	8.761	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	78036	9.353	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	69445	8.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	131279	8.695	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	204083	8.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	350475	8.817	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	447043	9.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	47370	5.888	ng/u1	0.00
60) Fluorene-d10	15.316	176	307708	9.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	33771	6.515	ng/u1	0.00
73) Anthracene-d10	17.187	188	428531	9.623	ng/u1	0.00
81) Pyrene-d10	19.445	212	476804	8.624	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	510466	9.264	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	23333	2.943	ng/uL	94
5) Pyridine	3.581	79	158862	7.894	ng/u1#	79
6) Benzaldehyde	6.799	77	129368	11.912	ng/u1	96
8) Phenol	6.852	94	217984	9.172	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.087	93	183736	9.741	ng/u1	94
12) 2-Chlorophenol	7.216	128	173174	9.273	ng/u1	98
13) 2-Methylphenol	8.099	108	155074	8.824	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	314911m	12.207	ng/u1	
16) Acetophenone	8.475	105	267506	9.873	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.463	70	136670	10.053	ng/u1	97
18) 4-Methylphenol	8.428	108	167202	8.910	ng/u1	99
19) Hexachloroethane	8.716	117	81611	11.043	ng/u1#	72
22) Nitrobenzene	8.852	77	208275	10.615	ng/u1	99
23) Isophorone	9.381	82	356032	9.695	ng/u1	97
25) 2-Nitrophenol	9.563	139	81545	8.799	ng/u1	92
26) 2,4-Dimethylphenol	9.628	107	183875	9.383	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	231308	9.518	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	140268	8.976	ng/u1	96
30) Naphthalene	10.493	128	568846	9.750	ng/u1	99
32) 4-Chloroaniline	10.616	127	204262	8.296	ng/u1	97
33) Hexachlorobutadiene	10.775	225	91109	10.016	ng/u1	95
34) Caprolactam	11.410	113	35500	6.482	ng/u1	95
35) 4-Chloro-3-methylphenol	11.752	107	144934	8.206	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	341026	9.016	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.340	142	341921	9.019	ng/ul#	98	07/29/2022 Supervised By :mohammad ahmed
39) 1,2,4,5-Tetrachloroben...	12.487	216	152285	9.928	ng/ul#	97	
40) Hexachlorocyclopentadiene	12.463	237	91011	9.580	ng/ul	96	
41) 2,4,6-Trichlorophenol	12.740	196	86170	8.530	ng/ul	100	
42) 2,4,5-Trichlorophenol	12.804	196	92180	8.539	ng/ul	98	07/30/2022
43) 1,1'-Biphenyl	13.146	154	430123	9.912	ng/ul#	97	
44) 2-Chloronaphthalene	13.181	162	327084	10.035	ng/ul	96	
45) 2-Nitroaniline	13.399	65	74376	7.832	ng/ul	96	
47) Dimethylphthalate	13.787	163	359814	8.971	ng/ul	99	
48) 2,6-Dinitrotoluene	13.904	165	51914	7.149	ng/ul#	85	
50) Acenaphthylene	14.034	152	521369	9.907	ng/ul	99	
51) 3-Nitroaniline	14.240	138	53629	6.147	ng/ul	95	
52) Acenaphthene	14.381	153	338767	9.717	ng/ul	98	
53) 2,4-Dinitrophenol	14.446	184	20260	4.769	ng/ul	98	
55) 4-Nitrophenol	14.551	109	42500	6.900	ng/ul#	77	
56) Dibenzofuran	14.722	168	468148	9.732	ng/ul	98	
57) 2,4-Dinitrotoluene	14.693	165	78749	7.603	ng/ul	96	
58) 2,3,4,6-Tetrachlorophenol	14.951	232	67208	7.950	ng/ul#	84	
59) Diethylphthalate	15.163	149	355074	8.620	ng/ul	97	
61) Fluorene	15.375	166	364122	9.432	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.375	204	166755	9.383	ng/ul	91	
63) 4-Nitroaniline	15.410	138	49695m	6.198	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.457	198	36137	6.796	ng/ul#	77	
67) N-Nitrosodiphenylamine	15.593	169	289505	9.675	ng/ul	95	
68) 4-Bromophenyl-phenylether	16.281	248	88263	9.342	ng/ul	94	
69) Hexachlorobenzene	16.381	284	106324	9.697	ng/ul#	89	
70) Atrazine	16.563	200	83736	8.089	ng/ul	98	
71) Pentachlorophenol	16.734	266	51233	7.587	ng/ul	97	
72) Phenanthrene	17.128	178	543034	9.950	ng/ul	99	
74) Anthracene	17.222	178	539466	9.937	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.099	216	161643	10.779	ng/uL	99	
76) Pentachlorobenzene	14.634	250	134715	10.248	ng/uL	97	
77) Carbazole	17.504	167	463866	9.130	ng/ul	99	
78) Di-n-butylphthalate	18.075	149	521989	8.219	ng/ul	100	
80) Fluoranthene	19.116	202	583150	9.019	ng/ul#	85	
82) Pyrene	19.475	202	629721	9.439	ng/ul#	84	
83) Butylbenzylphthalate	20.369	149	218092	7.328	ng/ul#	92	
84) 3,3'-Dichlorobenzidine	21.139	252	154662	8.298	ng/ul#	98	
85) Benzo(a)anthracene	21.198	228	594346	9.271	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.139	149	351211	7.909	ng/ul#	94	
87) Chrysene	21.245	228	611159	9.709	ng/ul	99	
89) Di-n-octyl phthalate	22.051	149	601929	7.824	ng/ul	100	
90) Benzo(b)fluoranthene	22.839	252	646755	9.130	ng/ul#	95	
91) Benzo(k)fluoranthene	22.886	252	645995	9.709	ng/ul#	94	
93) Benzo(a)pyrene	23.451	252	646654	9.506	ng/ul#	93	
94) Indeno(1,2,3-cd)pyrene	25.974	276	784245	9.920	ng/ul#	88	
95) Dibenzo(a,h)anthracene	25.998	278	679044	9.926	ng/ul#	91	
96) Benzo(g,h,i)perylene	26.715	276	674740	10.021	ng/ul#	87	

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

