

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022522\
 Data File : BP009237.D
 Acq On : 25 Feb 2022 16:21
 Operator : CG/JU
 Sample : SST04053
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040604

Quant Time: Feb 25 23:46:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP022522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 25 23:39:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2782	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	10434	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	8156	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	20161	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.339	240	23467	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	25641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	1131m	18.325	ng/uL	0.00
4) Pyridine-d5	3.722	84	7820	45.274	ng/u1	0.00
7) Phenol-d5	6.993	99	12051	54.300	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	5046	40.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	7179	40.663	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	9090	51.056	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	3706	50.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	4029	59.515	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	8512	51.222	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	9722	42.382	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	26946	44.715	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	30545	40.537	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	4701	49.213	ng/u1	0.00
60) Fluorene-d10	15.463	176	23099	44.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	5647	63.629	ng/u1	0.00
73) Anthracene-d10	17.328	188	38212	39.997	ng/u1	0.00
81) Pyrene-d10	19.575	212	48999	34.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.592	264	53457	40.507	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	1461	21.895	ng/uL#	83
5) Pyridine	3.740	79	7922	44.700	ng/u1	93
6) Benzaldehyde	6.969	77	7443m	58.837	ng/u1	
8) Phenol	7.022	94	11676	51.202	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.258	93	9072	49.707	ng/u1	95
12) 2-Chlorophenol	7.393	128	7737	41.989	ng/u1#	86
13) 2-Methylphenol	8.269	108	9306	52.670	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.369	45	5158	24.535	ng/u1#	78
16) Acetophenone	8.652	105	15134	54.950	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.646	70	6507	47.468	ng/u1#	89
18) 4-Methylphenol	8.593	108	9920	52.442	ng/u1	96
19) Hexachloroethane	8.916	117	4127	55.019	ng/u1	83
22) Nitrobenzene	9.022	77	10411	61.112	ng/u1#	84
23) Isophorone	9.563	82	21221	59.398	ng/u1#	94
25) 2-Nitrophenol	9.734	139	4253	54.590	ng/u1	91
26) 2,4-Dimethylphenol	9.804	107	12678	68.858	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.040	93	12774	57.203	ng/u1#	96
29) 2,4-Dichlorophenol	10.269	162	7438m	44.623	ng/u1	
30) Naphthalene	10.675	128	22874	41.416	ng/u1	98
32) 4-Chloroaniline	10.775	127	9961	42.823	ng/u1	90
33) Hexachlorobutadiene	10.981	225	6995	60.524	ng/u1	94
34) Caprolactam	11.546	113	2871m	60.451	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	12338	75.500	ng/u1#	91
36) 2-Methylnaphthalene	12.293	142	16396	41.954	ng/u1	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	16502	41.477	ng/ul	87
39) 1,2,4,5-Tetrachloroben...	12.663	216	11981	45.511	ng/ul	98
40) Hexachlorocyclopentadiene	12.646	237	8937	50.725	ng/ul	96
41) 2,4,6-Trichlorophenol	12.893	196	7777	52.024	ng/ul#	82
42) 2,4,5-Trichlorophenol	12.963	196	8329	51.199	ng/ul	94
43) 1,1'-Biphenyl	13.304	154	23685	37.462	ng/ul#	91
44) 2-Chloronaphthalene	13.340	162	18490	37.931	ng/ul	96
45) 2-Nitroaniline	13.540	65	5790	59.095	ng/ul	92
47) Dimethylphthalate	13.934	163	25313	42.104	ng/ul	95
48) 2,6-Dinitrotoluene	14.045	165	5291	49.509	ng/ul	97
50) Acenaphthylene	14.187	152	29020	37.640	ng/ul	95
51) 3-Nitroaniline	14.363	138	5151	46.772	ng/ul#	77
52) Acenaphthene	14.534	153	19387	38.509	ng/ul	95
53) 2,4-Dinitrophenol	14.569	184	3933	87.188	ng/ul	95
55) 4-Nitrophenol	14.675	109	6046	91.035	ng/ul	93
56) Dibenzofuran	14.869	168	29071	39.489	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	8056	54.481	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	7675	60.735	ng/ul#	87
59) Diethylphthalate	15.304	149	25187	42.890	ng/ul	97
61) Fluorene	15.522	166	24265	41.371	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.522	204	13975	44.921	ng/ul	92
63) 4-Nitroaniline	15.534	138	5035	49.881	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.592	198	5539	58.985	ng/ul#	87
67) N-Nitrosodiphenylamine	15.734	169	22142	35.913	ng/ul	93
68) 4-Bromophenyl-phenylether	16.422	248	10115	43.745	ng/ul	99
69) Hexachlorobenzene	16.534	284	11253	41.800	ng/ul	98
70) Atrazine	16.698	200	10554	45.111	ng/ul#	82
71) Pentachlorophenol	16.875	266	7452	54.156	ng/ul#	84
72) Phenanthrene	17.275	178	40068	36.084	ng/ul	99
74) Anthracene	17.363	178	42379	38.061	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.263	216	12588	36.807	ng/uL#	88
76) Pentachlorobenzene	14.792	250	12769	40.671	ng/uL#	84
77) Carbazole	17.633	167	36282	38.239	ng/ul	97
78) Di-n-butylphthalate	18.204	149	47847	43.190	ng/ul	96
80) Fluoranthene	19.245	202	54181	32.407	ng/ul	98
82) Pyrene	19.604	202	53666	31.855	ng/ul	97
83) Butylbenzylphthalate	20.492	149	21983	38.499	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.257	252	23723	47.728	ng/ul#	96
85) Benzo(a)anthracene	21.322	228	58167	38.394	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	33546	38.706	ng/ul	99
87) Chrysene	21.374	228	57241m	39.132	ng/ul	
89) Di-n-octyl phthalate	22.204	149	61784	37.839	ng/ul	100
90) Benzo(b)fluoranthene	23.016	252	64973	38.240	ng/ul	97
91) Benzo(k)fluoranthene	23.063	252	60085m	36.641	ng/ul	
93) Benzo(a)pyrene	23.645	252	60567	37.240	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.268	276	73515	40.989	ng/ul	97
95) Dibenzo(a,h)anthracene	26.292	278	63192	40.605	ng/ul	98
96) Benzo(g,h,i)perylene	27.033	276	62450	42.129	ng/ul	96

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

