

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030222\
 Data File : BP009243.D
 Acq On : 02 Mar 2022 10:03
 Operator : CG/JU
 Sample : SSTD01009
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010609

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

03/03/2022
 Supervised By :mohammad
 ahmed

Quant Time: Mar 02 17:34:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 02 17:32:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	318328	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.622	136	1286952	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.463	164	761751	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1398797	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.333	240	1308171	20.000	ng/u1	# 0.00
88) Perylene-d12	23.739	264	1402303	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	32877	4.232	ng/uL	0.00
4) Pyridine-d5	3.722	84	194520	9.863	ng/u1	0.00
7) Phenol-d5	6.987	99	253269	9.836	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	154336	9.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	200501	9.937	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	193726	9.799	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	62122	8.517	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	52307	7.650	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	183464	9.723	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	271334	10.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	519953	9.746	ng/u1	-0.01
49) Acenaphthylene-d8	14.157	160	712093	10.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	51219	6.298	ng/u1	-0.01
60) Fluorene-d10	15.463	176	470983	10.178	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	30489	5.613	ng/u1	-0.01
73) Anthracene-d10	17.322	188	684205	10.420	ng/u1	-0.01
81) Pyrene-d10	19.569	212	734761	10.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	698158	9.825	ng/u1	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.352	88	34484	4.375	ng/uL#	56
5) Pyridine	3.746	79	213117	10.229	ng/u1#	77
6) Benzaldehyde	6.963	77	182246	11.951	ng/u1	95
8) Phenol	7.016	94	264503	10.197	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.252	93	209695	10.089	ng/u1#	86
12) 2-Chlorophenol	7.387	128	205461	10.077	ng/u1	89
13) 2-Methylphenol	8.263	108	191175	9.804	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.357	45	259347	10.340	ng/u1#	91
16) Acetophenone	8.646	105	323552	10.639	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.634	70	155529	10.253	ng/u1#	85
18) 4-Methylphenol	8.593	108	204198	9.981	ng/u1	97
19) Hexachloroethane	8.910	117	84292	10.100	ng/u1#	81
22) Nitrobenzene	9.016	77	173060	8.992	ng/u1#	84
23) Isophorone	9.546	82	438277	10.066	ng/u1#	97
25) 2-Nitrophenol	9.734	139	62721	7.746	ng/u1#	70
26) 2,4-Dimethylphenol	9.799	107	224911m	10.007	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.034	93	263506	9.935	ng/u1#	98
29) 2,4-Dichlorophenol	10.263	162	185198	9.948	ng/u1#	81
30) Naphthalene	10.669	128	677070	10.363	ng/u1	97
32) 4-Chloroaniline	10.775	127	273797	10.359	ng/u1	96
33) Hexachlorobutadiene	10.969	225	136062	10.068	ng/u1	97
34) Caprolactam	11.528	113	44417m	8.265	ng/u1	
35) 4-Chloro-3-methylphenol	11.904	107	182856	9.715	ng/u1#	60
36) 2-Methylnaphthalene	12.287	142	451634	10.287	ng/u1	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	455908	10.394	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	245908	10.142	ng/ul	95
40) Hexachlorocyclopentadiene	12.645	237	126296	8.367	ng/ul	95
41) 2,4,6-Trichlorophenol	12.893	196	130518	9.316	ng/ul	84
42) 2,4,5-Trichlorophenol	12.957	196	139653m	9.421	ng/ul	
43) 1,1'-Biphenyl	13.298	154	600378	10.300	ng/ul#	94
44) 2-Chloronaphthalene	13.334	162	457053	10.314	ng/ul	92
45) 2-Nitroaniline	13.534	65	54861	7.319	ng/ul#	86
47) Dimethylphthalate	13.922	163	513114	9.963	ng/ul#	92
48) 2,6-Dinitrotoluene	14.034	165	48454	7.079	ng/ul	96
50) Acenaphthylene	14.181	152	719655	10.300	ng/ul	96
51) 3-Nitroaniline	14.357	138	55486	6.433	ng/ul#	79
52) Acenaphthene	14.528	153	468910	10.318	ng/ul	95
53) 2,4-Dinitrophenol	14.563	184	20347	5.589	ng/ul#	85
55) 4-Nitrophenol	14.663	109	46349	7.129	ng/ul#	42
56) Dibenzofuran	14.863	168	657960	10.250	ng/ul	100
57) 2,4-Dinitrotoluene	14.822	165	67960	6.989	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	103196	8.995	ng/ul#	86
59) Diethylphthalate	15.298	149	482062	9.686	ng/ul	93
61) Fluorene	15.516	166	516503	10.292	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.516	204	262148	10.285	ng/ul	97
63) 4-Nitroaniline	15.522	138	62051	7.466	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.586	198	31540	5.534	ng/ul	99
67) N-Nitrosodiphenylamine	15.728	169	431389	10.472	ng/ul	94
68) 4-Bromophenyl-phenylether	16.416	248	148790	10.125	ng/ul	89
69) Hexachlorobenzene	16.528	284	170926	10.180	ng/ul#	88
70) Atrazine	16.686	200	132343	9.070	ng/ul#	90
71) Pentachlorophenol	16.875	266	75933m	7.728	ng/ul	
72) Phenanthrene	17.263	178	776054	10.423	ng/ul	99
74) Anthracene	17.357	178	777963	10.470	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	245956	10.270	ng/uL#	85
76) Pentachlorobenzene	14.787	250	221029	10.397	ng/uL	93
77) Carbazole	17.628	167	676961	10.268	ng/ul	97
78) Di-n-butylphthalate	18.198	149	686798	9.352	ng/ul#	92
80) Fluoranthene	19.245	202	839317	10.063	ng/ul	98
82) Pyrene	19.598	202	890950	10.468	ng/ul	98
83) Butylbenzylphthalate	20.486	149	221531m	8.164	ng/ul	
84) 3,3'-Dichlorobenzidine	21.251	252	243123	8.942	ng/ul#	96
85) Benzo(a)anthracene	21.316	228	831414	10.061	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	381860	8.799	ng/ul#	81
87) Chrysene	21.369	228	828172	10.351	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	591363	7.803	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	895827	10.122	ng/ul	99
91) Benzo(k)fluoranthene	23.057	252	801279	10.042	ng/ul#	96
93) Benzo(a)pyrene	23.633	252	853025	10.072	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.251	276	1002276	10.010	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.268	278	845324	9.992	ng/ul#	92
96) Benzo(g,h,i)perylene	27.009	276	865776	10.072	ng/ul#	87

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

