

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030222\
 Data File : BP009246.D
 Acq On : 02 Mar 2022 11:44
 Operator : CG/JU
 Sample : SSTD08012
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD080612

Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Mar 02 17:35:52 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	314135	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.622	136	1228701	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	706772	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1473430	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.333	240	1432354	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1554740	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	240515	31.372	ng/uL	0.00
4) Pyridine-d5	3.717	84	1571940	80.767	ng/ul	0.00
7) Phenol-d5	6.993	99	2059195	81.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	1216782	79.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	1650633	82.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	1588558	81.421	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	695574	99.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	733108	112.306	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	1564445	86.846	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	2050309	80.211	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	4200794	84.867	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	5347279	81.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	755775	100.168	ng/ul	0.00
60) Fluorene-d10	15.463	176	3500434	81.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	568231	99.304	ng/ul	0.00
73) Anthracene-d10	17.328	188	5328047	77.031	ng/ul	0.00
81) Pyrene-d10	19.569	212	6367455	80.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.592	264	6793043	86.219	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	243109	31.255	ng/uL#	49
5) Pyridine	3.740	79	1638690	79.698	ng/ul#	77
6) Benzaldehyde	6.964	77	1205934	80.136	ng/ul	98
8) Phenol	7.022	94	2046138	79.936	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.252	93	1626784	79.311	ng/ul#	85
12) 2-Chlorophenol	7.393	128	1640192	81.516	ng/ul#	88
13) 2-Methylphenol	8.269	108	1561412	81.140	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1954999	78.989	ng/ul#	91
16) Acetophenone	8.646	105	2324875	77.466	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.652	70	1176275	78.577	ng/ul#	85
18) 4-Methylphenol	8.605	108	1615631	80.021	ng/ul	96
19) Hexachloroethane	8.910	117	676921	82.189	ng/ul#	82
22) Nitrobenzene	9.022	77	1719190	93.562	ng/ul#	87
23) Isophorone	9.557	82	3419732	82.263	ng/ul#	95
25) 2-Nitrophenol	9.734	139	829602	107.309	ng/ul#	75
26) 2,4-Dimethylphenol	9.805	107	1755810	81.824	ng/ul#	72
27) Bis(2-Chloroethoxy)met...	10.040	93	2085195	82.348	ng/ul#	97
29) 2,4-Dichlorophenol	10.269	162	1480409	83.294	ng/ul#	81
30) Naphthalene	10.675	128	4887139	78.344	ng/ul	97
32) 4-Chloroaniline	10.781	127	2005601	79.482	ng/ul	98
33) Hexachlorobutadiene	10.969	225	1033799	80.124	ng/ul	96
34) Caprolactam	11.557	113	466175m	90.861	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	1571398	87.443	ng/ul#	64
36) 2-Methylnaphthalene	12.287	142	3323036	79.275	ng/ul	90

03/03/2022

Supervised By :mohammad
 Ahmed

03/07/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.504	142	3292048	78.609	ng/ul#	94	03/03/2022
39) 1,2,4,5-Tetrachloroben...	12.657	216	1810120	80.459	ng/ul	93	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.646	237	1186874	84.745	ng/ul	95	ahmed
41) 2,4,6-Trichlorophenol	12.899	196	1179634	90.751	ng/ul#	83	
42) 2,4,5-Trichlorophenol	12.963	196	1246703	90.641	ng/ul#	87	
43) 1,1'-Biphenyl	13.304	154	4238331	78.368	ng/ul#	93	
44) 2-Chloronaphthalene	13.340	162	3206721	77.996	ng/ul	93	03/07/2022
45) 2-Nitroaniline	13.540	65	820785	118.021	ng/ul#	83	
47) Dimethylphthalate	13.928	163	4003039	83.770	ng/ul#	92	
48) 2,6-Dinitrotoluene	14.040	165	762053	119.996	ng/ul	94	
50) Acenaphthylene	14.187	152	5091424	78.542	ng/ul	96	
51) 3-Nitroaniline	14.369	138	804523	100.539	ng/ul#	78	
52) Acenaphthene	14.534	153	3336464	79.130	ng/ul	96	
53) 2,4-Dinitrophenol	14.569	184	350222	103.678	ng/ul#	81	
55) 4-Nitrophenol	14.681	109	579274	96.023	ng/ul#	43	
56) Dibenzofuran	14.869	168	4686363	78.683	ng/ul	99	
57) 2,4-Dinitrotoluene	14.828	165	1098351	121.740	ng/ul	94	
58) 2,3,4,6-Tetrachlorophenol	15.093	232	1029670	96.729	ng/ul#	86	
59) Diethylphthalate	15.304	149	4041072	87.515	ng/ul	93	
61) Fluorene	15.522	166	3640777	78.194	ng/ul	91	
62) 4-Chlorophenyl-phenyle...	15.516	204	1867003	78.949	ng/ul	99	
63) 4-Nitroaniline	15.540	138	771937	100.111	ng/ul#	74	
66) 4,6-Dinitro-2-methylph...	15.598	198	597531	99.537	ng/ul#	95	
67) N-Nitrosodiphenylamine	15.734	169	3248843	74.868	ng/ul	95	
68) 4-Bromophenyl-phenylether	16.416	248	1228230	79.350	ng/ul	93	
69) Hexachlorobenzene	16.534	284	1411812	79.823	ng/ul#	89	
70) Atrazine	16.698	200	1296259	84.342	ng/ul#	90	
71) Pentachlorophenol	16.875	266	930129	89.865	ng/ul#	83	
72) Phenanthrene	17.269	178	6071798	77.417	ng/ul	97	
74) Anthracene	17.363	178	5948891	76.006	ng/ul	97	
75) 1,2,3,4-Tetrachloroben...	13.263	216	1889882	74.917	ng/uL#	86	
76) Pentachlorobenzene	14.793	250	1676046	74.848	ng/uL	91	
77) Carbazole	17.628	167	5572627	80.241	ng/ul#	95	
78) Di-n-butylphthalate	18.204	149	6829944	88.292	ng/ul#	93	
80) Fluoranthene	19.245	202	7332263	80.290	ng/ul	98	
82) Pyrene	19.598	202	7229192	77.575	ng/ul	98	
83) Butylbenzylphthalate	20.486	149	3097143	104.241	ng/ul#	81	
84) 3,3'-Dichlorobenzidine	21.251	252	2663797	89.476	ng/ul#	96	
85) Benzo(a)anthracene	21.322	228	7321254	80.917	ng/ul	97	
86) Bis(2-ethylhexyl)phtha...	21.263	149	4486880	94.424	ng/ul#	81	
87) Chrysene	21.375	228	6976230	79.637	ng/ul	96	
89) Di-n-octyl phthalate	22.198	149	7899322	94.009	ng/ul	100	
90) Benzo(b)fluoranthene	23.016	252	8355547	85.152	ng/ul	99	
91) Benzo(k)fluoranthene	23.063	252	7312271	82.654	ng/ul#	97	
93) Benzo(a)pyrene	23.645	252	7829743	83.385	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	26.268	276	9468962	85.294	ng/ul#	91	
95) Dibenzo(a,h)anthracene	26.286	278	7948181	84.739	ng/ul#	93	
96) Benzo(g,h,i)perylene	27.039	276	8108789	85.084	ng/ul#	88	

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

