

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010764.D
 Acq On : 20 Jun 2022 15:43
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV609

Quant Time: Jun 20 23:03:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 16:18:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 06/21/2022

Supervised By :mohammad
 ahmed
 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	142582	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	543710	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	333081	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	691889	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	753763	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	800834	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	26630	8.027	ng/uL	0.00
4) Pyridine-d5	3.693	84	163751	18.979	ng/u1	0.00
7) Phenol-d5	6.999	99	199529	19.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	124596	19.780	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	178636	20.287	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	164245	19.648	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	84075	20.827	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	88790	20.529	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	165699	20.677	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	221857	19.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	470547m	20.577	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	569881	20.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	61067	18.078	ng/u1	0.00
60) Fluorene-d10	15.451	176	410367	20.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	75844	18.373	ng/u1	0.00
73) Anthracene-d10	17.310	188	636313m	20.280	ng/u1	0.00
81) Pyrene-d10	19.551	212	755316	20.157	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	811239	20.343	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.311	88	28188	8.195	ng/uL#	76
5) Pyridine	3.717	79	171598	19.230	ng/u1#	69
6) Benzaldehyde	6.963	77	112501	23.663	ng/u1	92
8) Phenol	7.022	94	216092	19.519	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.246	93	171987	19.667	ng/u1#	84
12) 2-Chlorophenol	7.387	128	186035	20.441	ng/u1#	87
13) 2-Methylphenol	8.269	108	159458	19.434	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	203566	19.815	ng/u1#	93
16) Acetophenone	8.646	105	258067	19.923	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.628	70	123811	20.415	ng/u1#	88
18) 4-Methylphenol	8.599	108	167972	19.157	ng/u1	95
19) Hexachloroethane	8.893	117	74144	20.067	ng/u1	94
22) Nitrobenzene	9.022	77	189873	20.432	ng/u1	89
23) Isophorone	9.552	82	336884	20.458	ng/u1	97
25) 2-Nitrophenol	9.734	139	100128	21.049	ng/u1#	77
26) 2,4-Dimethylphenol	9.799	107	190251	20.112	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	217152	20.411	ng/u1	98
29) 2,4-Dichlorophenol	10.275	162	169516	20.629	ng/u1	95
30) Naphthalene	10.663	128	569546	20.048	ng/u1	99
32) 4-Chloroaniline	10.787	127	221017	19.429	ng/u1	99
33) Hexachlorobutadiene	10.951	225	123157	20.010	ng/u1	96
34) Caprolactam	11.575	113	46253	19.625	ng/u1#	70
35) 4-Chloro-3-methylphenol	11.922	107	161903m	20.715	ng/u1	
36) 2-Methylnaphthalene	12.275	142	377477	20.197	ng/u1	97

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37) 1-Methylnaphthalene	12.498	142	381128	20.189	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	218182	19.924	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	83136	16.427	ng/ul	95
41) 2,4,6-Trichlorophenol	12.898	196	127283	20.239	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	136519	20.761	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	506981	20.124	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	394107	20.171	ng/ul	97
45) 2-Nitroaniline	13.545	65	90980m	21.350	ng/ul	
47) Dimethylphthalate	13.916	163	465770	20.396	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	92038	21.289	ng/ul#	84
50) Acenaphthylene	14.175	152	618546	20.357	ng/ul	99
51) 3-Nitroaniline	14.375	138	82272	19.681	ng/ul	87
52) Acenaphthene	14.522	153	405965	20.185	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	41481	16.802	ng/ul#	69
55) 4-Nitrophenol	14.704	109	44051	17.703	ng/ul#	75
56) Dibenzofuran	14.857	168	581688	20.214	ng/ul	92
57) 2,4-Dinitrotoluene	14.834	165	134725	21.655	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.092	232	116024	21.104	ng/ul	95
59) Diethylphthalate	15.281	149	453110	20.928	ng/ul	99
61) Fluorene	15.510	166	471785	20.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	244153	20.081	ng/ul	93
63) 4-Nitroaniline	15.539	138	81165m	20.952	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	76800	18.750	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	403935	20.224	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	152794	20.057	ng/ul	91
69) Hexachlorobenzene	16.522	284	181430	19.683	ng/ul	91
70) Atrazine	16.681	200	148589	20.014	ng/ul	99
71) Pentachlorophenol	16.875	266	85171	17.983	ng/ul	99
72) Phenanthrene	17.257	178	739279	20.089	ng/ul	98
74) Anthracene	17.345	178	744369	20.076	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	228354	18.676	ng/uL	97
76) Pentachlorobenzene	14.781	250	219925	19.841	ng/uL	99
77) Carbazole	17.628	167	635059	19.499	ng/ul	99
78) Di-n-butylphthalate	18.175	149	728463	20.866	ng/ul	99
80) Fluoranthene	19.228	202	886013	20.036	ng/ul	97
82) Pyrene	19.580	202	918390	19.989	ng/ul	96
83) Butylbenzylphthalate	20.457	149	332473	20.677	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.227	252	320780	20.745	ng/ul	99
85) Benzo(a)anthracene	21.292	228	914842	20.027	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	492856	20.523	ng/ul	99
87) Chrysene	21.345	228	928069	20.509	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	843247	19.580	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	986236m	19.785	ng/ul	
91) Benzo(k)fluoranthene	23.016	252	985915	21.123	ng/ul	98
93) Benzo(a)pyrene	23.592	252	993028	20.329	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.186	276	1178446	19.762	ng/ul	99
95) Dibenzo(a,h)anthracene	26.198	278	1006676	19.751	ng/ul#	97
96) Benzo(g,h,i)perylene	26.951	276	1015121	19.698	ng/ul	97

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

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