

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010759.D
 Acq On : 20 Jun 2022 12:54
 Operator : CG/JU
 Sample : SSTD01004
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010604

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 14:51:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 14:42:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	137425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	519100	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	324476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	687444	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	791594	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	851234	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	12037	3.682	ng/uL	0.00
4) Pyridine-d5	3.705	84	73149	8.526	ng/u1	0.01
7) Phenol-d5	6.999	99	85977	8.247	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	54462	7.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	78763	9.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	67395	7.949	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	33793	8.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	34611	7.524	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	67987	8.591	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	91445	8.425	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	203329	8.817	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	241527	8.851	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	21042	5.692	ng/u1	0.02
60) Fluorene-d10	15.451	176	183073	9.183	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	27549	6.704	ng/u1	0.00
73) Anthracene-d10	17.316	188	292832m	9.407	ng/u1	0.00
81) Pyrene-d10	19.551	212	349181	8.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	377632m	8.987	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	12686	3.747	ng/uL#	77
5) Pyridine	3.722	79	74180	8.371	ng/u1#	71
6) Benzaldehyde	6.963	77	49676	9.192	ng/u1	95
8) Phenol	7.028	94	93559	8.369	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.246	93	76299	8.713	ng/u1	88
12) 2-Chlorophenol	7.387	128	80005	9.123	ng/u1#	85
13) 2-Methylphenol	8.275	108	68774	8.277	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.346	45	92395	6.433	ng/u1#	90
16) Acetophenone	8.646	105	110387	8.025	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.628	70	52784	7.404	ng/u1#	85
18) 4-Methylphenol	8.605	108	73350	8.297	ng/u1	98
19) Hexachloroethane	8.893	117	32885	8.062	ng/u1	92
22) Nitrobenzene	9.022	77	79844	7.584	ng/u1	91
23) Isophorone	9.552	82	138497	7.443	ng/u1	97
25) 2-Nitrophenol	9.740	139	39202	8.207	ng/u1#	72
26) 2,4-Dimethylphenol	9.804	107	82169	8.166	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	92961	8.585	ng/u1	98
29) 2,4-Dichlorophenol	10.281	162	69497	8.586	ng/u1	96
30) Naphthalene	10.663	128	253715	9.470	ng/u1	99
32) 4-Chloroaniline	10.787	127	95565	8.805	ng/u1	100
33) Hexachlorobutadiene	10.951	225	54213	8.504	ng/u1	95
34) Caprolactam	11.581	113	19116m	7.506	ng/u1	
35) 4-Chloro-3-methylphenol	11.928	107	66918	7.451	ng/u1	97
36) 2-Methylnaphthalene	12.281	142	162520	8.986	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	167940	9.248	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	95709	8.961	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	25140	5.017	ng/ul	95
41) 2,4,6-Trichlorophenol	12.904	196	51890	8.017	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	54922	8.021	ng/ul	98
43) 1,1'-Biphenyl	13.293	154	223559	9.282	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	172820	9.232	ng/ul	97
45) 2-Nitroaniline	13.545	65	34192m	5.398	ng/ul	
47) Dimethylphthalate	13.916	163	206277	8.996	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	35909	7.366	ng/ul	92
50) Acenaphthylene	14.175	152	268135	9.132	ng/ul	99
51) 3-Nitroaniline	14.381	138	29323	6.561	ng/ul#	91
52) Acenaphthene	14.522	153	180789	9.523	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	11595	4.700	ng/ul#	73
55) 4-Nitrophenol	14.716	109	15145	4.066	ng/ul#	84
56) Dibenzofuran	14.857	168	261596	9.389	ng/ul	91
57) 2,4-Dinitrotoluene	14.839	165	52272	7.787	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.098	232	47931	8.181	ng/ul	94
59) Diethylphthalate	15.287	149	195916	8.220	ng/ul	98
61) Fluorene	15.510	166	210686	9.319	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	108372	8.922	ng/ul	94
63) 4-Nitroaniline	15.545	138	31880m	7.557	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	27970	7.053	ng/ul#	93
67) N-Nitrosodiphenylamine	15.722	169	176535	9.125	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	65979	8.753	ng/ul	94
69) Hexachlorobenzene	16.522	284	83308	12.226	ng/ul	96
70) Atrazine	16.681	200	62786	7.978	ng/ul	99
71) Pentachlorophenol	16.881	266	32752	6.687	ng/ul	95
72) Phenanthrene	17.257	178	338601	9.435	ng/ul	98
74) Anthracene	17.351	178	341554	9.411	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	104672	8.900	ng/uL	95
76) Pentachlorobenzene	14.781	250	97570	9.509	ng/uL	99
77) Carbazole	17.628	167	293176	9.290	ng/ul	98
78) Di-n-butylphthalate	18.175	149	306295	7.086	ng/ul	99
80) Fluoranthene	19.227	202	407403	8.392	ng/ul	97
82) Pyrene	19.580	202	430947	8.706	ng/ul#	95
83) Butylbenzylphthalate	20.457	149	144031	6.986	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.227	252	144741	9.972	ng/ul	97
85) Benzo(a)anthracene	21.292	228	438497	8.974	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	221601	7.306	ng/ul	98
87) Chrysene	21.345	228	442086	9.239	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	383092	7.035	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	490025	9.316	ng/ul	98
91) Benzo(k)fluoranthene	23.016	252	436015	8.689	ng/ul	98
93) Benzo(a)pyrene	23.592	252	468462	9.038	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.186	276	553004	9.152	ng/ul	99
95) Dibenzo(a,h)anthracene	26.204	278	465752	8.952	ng/ul	97
96) Benzo(g,h,i)perylene	26.956	276	482750	9.301	ng/ul	97

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

