

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022736.D
 Acq On : 30 Oct 2024 15:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020690

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 30 15:22:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69785	20.000	ng/u1	0.00
20) Naphthalene-d8	10.386	136	261901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	212742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.074	188	573627m	20.000	ng/u1	0.01
79) Chrysene-d12	21.498	240	703838	20.000	ng/u1	0.00
88) Perylene-d12	24.762	264	849744	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	13483	7.508	ng/uL	0.00
4) Pyridine-d5	3.593	84	95908	19.454	ng/u1	0.00
7) Phenol-d5	6.828	99	113140	19.260	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	67017	19.411	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	87317	20.948	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	88994	18.983	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	41677	20.696	ng/u1	0.00
24) 2-Nitrophenol-d4	9.486	143	49191	21.099	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	106963	21.586	ng/u1	0.00
31) 4-Chloroaniline-d4	10.533	131	116173	19.841	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	347677	20.569	ng/u1	0.02
49) Acenaphthylene-d8	13.945	160	370753	20.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	54040	19.057	ng/u1	-0.02
60) Fluorene-d10	15.269	176	321416	21.923	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	68467	18.148	ng/u1	0.02
73) Anthracene-d10	17.174	188	560374	20.766	ng/u1	0.00
81) Pyrene-d10	19.557	212	746615	20.059	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.527	264	958996	21.132	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	14588	7.555	ng/uL	94
5) Pyridine	3.610	79	97792	19.346	ng/u1	91
6) Benzaldehyde	6.793	77	70232	22.124	ng/u1	97
8) Phenol	6.857	94	116460	19.055	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.069	93	86934	19.006	ng/u1	95
12) 2-Chlorophenol	7.210	128	88880	20.621	ng/u1	94
13) 2-Methylphenol	8.075	108	86895	19.591	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.139	45	101124	19.023	ng/u1	98
16) Acetophenone	8.445	105	150719	19.474	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	76636	19.544	ng/u1	95
18) 4-Methylphenol	8.398	108	93793	19.062	ng/u1	95
19) Hexachloroethane	8.692	117	43515	21.678	ng/u1	98
22) Nitrobenzene	8.816	77	123778	20.592	ng/u1	97
23) Isophorone	9.339	82	209846	19.471	ng/u1	98
25) 2-Nitrophenol	9.516	139	52833	21.027	ng/u1	92
26) 2,4-Dimethylphenol	9.581	107	116902	21.405	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.804	93	117440	19.191	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	106154	21.754	ng/u1	100
30) Naphthalene	10.439	128	289381	20.745	ng/u1	96
32) 4-Chloroaniline	10.557	127	115882	20.050	ng/u1	99
33) Hexachlorobutadiene	10.716	225	94770	23.043	ng/u1	99
34) Caprolactam	11.339	113	28968m	18.414	ng/u1	
35) 4-Chloro-3-methylphenol	11.692	107	111865	21.011	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	217255	21.217	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	220740	21.121	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	165940	21.095	ng/ul	95
40) Hexachlorocyclopentadiene	12.398	237	83119	17.343	ng/ul	98
41) 2,4,6-Trichlorophenol	12.680	196	102386	20.692	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	110846	21.039	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	313153	20.422	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	259504	20.673	ng/ul	97
45) 2-Nitroaniline	13.339	65	74832	19.965	ng/ul	100
47) Dimethylphthalate	13.722	163	338443	20.094	ng/ul	100
48) 2,6-Dinitrotoluene	13.833	165	69026	21.667	ng/ul	95
50) Acenaphthylene	13.980	152	386931	20.767	ng/ul	99
51) 3-Nitroaniline	14.169	138	60670	20.276	ng/ul	95
52) Acenaphthene	14.327	153	275034	20.875	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	39805	16.982	ng/ul	89
55) 4-Nitrophenol	14.510	109	66403	21.099	ng/ul	89
56) Dibenzofuran	14.674	168	428585	21.655	ng/ul	96
57) 2,4-Dinitrotoluene	14.657	165	108937	22.005	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.904	232	111512	22.676	ng/ul#	99
59) Diethylphthalate	15.104	149	349897	21.654	ng/ul	97
61) Fluorene	15.327	166	352908	21.885	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.321	204	207086	22.457	ng/ul	98
63) 4-Nitroaniline	15.374	138	69621m	23.123	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.439	198	74822	18.413	ng/ul	94
67) N-Nitrosodiphenylamine	15.539	169	306154	19.930	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	146844	21.228	ng/ul	98
69) Hexachlorobenzene	16.357	284	184795	21.703	ng/ul	99
70) Atrazine	16.527	200	133560	20.917	ng/ul	96
71) Pentachlorophenol	16.721	266	115532m	21.102	ng/ul	
72) Phenanthrene	17.121	178	628617m	20.483	ng/ul	
74) Anthracene	17.210	178	647850	21.153	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	172307	19.728	ng/ul	98
76) Pentachlorobenzene	14.580	250	200067	20.721	ng/ul	99
77) Carbazole	17.498	167	551353m	20.346	ng/ul	
78) Di-n-butylphthalate	18.074	149	618185	20.616	ng/ul	99
80) Fluoranthene	19.204	202	850144	19.868	ng/ul	99
82) Pyrene	19.586	202	913161	19.911	ng/ul#	95
83) Butylbenzylphthalate	20.527	149	319328	19.999	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.403	252	334295	19.925	ng/ul	97
85) Benzo(a)anthracene	21.480	228	1013776	20.546	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	464948	20.286	ng/ul	98
87) Chrysene	21.545	228	945932	20.676	ng/ul	100
89) Di-n-octyl phthalate	22.650	149	797290	19.726	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1113471m	20.817	ng/ul	
91) Benzo(k)fluoranthene	23.792	252	1093777	20.886	ng/ul	99
93) Benzo(a)pyrene	24.609	252	1019346	20.707	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.450	276	1366925m	20.808	ng/ul	
95) Dibenzo(a,h)anthracene	28.509	278	1097668	20.634	ng/ul#	98
96) Benzo(g,h,i)perylene	29.597	276	1051830	20.585	ng/ul	99

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

