

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022126.D
 Acq On : 01 Oct 2024 00:50
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTD020778

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 08:12:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110691	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	412629	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	312481	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.104	188	760065	20.000	ng/ul	-0.01
79) Chrysene-d12	21.533	240	892034	20.000	ng/ul	0.00
88) Perylene-d12	24.810	264	1108890	20.000	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	23039	8.153	ng/uL	0.00
4) Pyridine-d5	3.634	84	160341	19.850	ng/ul	0.00
7) Phenol-d5	6.881	99	172679	19.071	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	105375	18.900	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	134825	20.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	139286	19.413	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	64494	20.883	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	75152	21.461	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.087	165	156791	20.618	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	174440	19.225	ng/ul	-0.02
46) Dimethylphthalate-d6	13.716	166	483214	20.005	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	514657	20.124	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	79386	19.214	ng/ul	-0.01
60) Fluorene-d10	15.316	176	424846	19.884	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	93028	19.714	ng/ul	-0.01
73) Anthracene-d10	17.198	188	706063	19.899	ng/ul	-0.02
81) Pyrene-d10	19.586	212	905203	19.587	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1164946	19.974	ng/ul	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.252	88	24497	8.002	ng/uL 95
5) Pyridine	3.652	79	160468	19.553	ng/ul 99
6) Benzaldehyde	6.852	77	121626	23.745	ng/ul 95
8) Phenol	6.911	94	179527	18.999	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.128	93	136270	18.842	ng/ul 96
12) 2-Chlorophenol	7.269	128	137763	20.285	ng/ul 99
13) 2-Methylphenol	8.134	108	130362	19.022	ng/ul 95
14) 2,2'-oxybis(1-Chloropr...	8.210	45	125180	18.658	ng/ul 97
16) Acetophenone	8.505	105	229261	19.210	ng/ul 99
17) N-Nitroso-di-n-propyla...	8.493	70	119272	19.277	ng/ul 98
18) 4-Methylphenol	8.463	108	143052	19.142	ng/ul 96
19) Hexachloroethane	8.763	117	63850	19.916	ng/ul 99
22) Nitrobenzene	8.875	77	184829	19.575	ng/ul 99
23) Isophorone	9.405	82	321590	19.663	ng/ul 97
25) 2-Nitrophenol	9.575	139	80016	21.356	ng/ul 99
26) 2,4-Dimethylphenol	9.640	107	171388	20.192	ng/ul 98
27) Bis(2-Chloroethoxy)met...	9.869	93	181740	19.277	ng/ul 99
29) 2,4-Dichlorophenol	10.110	162	156092	20.660	ng/ul 99
30) Naphthalene	10.504	128	434252	20.001	ng/ul 100
32) 4-Chloroaniline	10.610	127	175085	19.483	ng/ul 97
33) Hexachlorobutadiene	10.793	225	136722	20.382	ng/ul 96
34) Caprolactam	11.387	113	43069m	18.792	ng/ul
35) 4-Chloro-3-methylphenol	11.740	107	163029	19.946	ng/ul 97
36) 2-Methylnaphthalene	12.110	142	318928	19.766	ng/ul 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	316640	19.459	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	233644	20.167	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	141635	19.436	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	143832	20.767	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	156252	20.834	ng/ul	97
43) 1,1'-Biphenyl	13.122	154	454309	20.331	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	362979	20.175	ng/ul	99
45) 2-Nitroaniline	13.369	65	104663	20.118	ng/ul	97
47) Dimethylphthalate	13.757	163	473248	19.506	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	94631	20.346	ng/ul	99
50) Acenaphthylene	14.028	152	537026	20.136	ng/ul	99
51) 3-Nitroaniline	14.204	138	85629	20.222	ng/ul	96
52) Acenaphthene	14.369	153	385654	19.902	ng/ul	99
53) 2,4-Dinitrophenol	14.422	184	53344	16.856	ng/ul	96
55) 4-Nitrophenol	14.528	109	92101	19.703	ng/ul	91
56) Dibenzofuran	14.710	168	569027	19.751	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	143978	20.087	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.940	232	146224	20.254	ng/ul	94
59) Diethylphthalate	15.140	149	464719	19.355	ng/ul	99
61) Fluorene	15.375	166	476056	19.870	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	269085	19.508	ng/ul	99
63) 4-Nitroaniline	15.387	138	96411	22.370	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	100939	19.648	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	401312	20.047	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	185725	20.348	ng/ul	97
69) Hexachlorobenzene	16.398	284	230694	20.815	ng/ul	96
70) Atrazine	16.557	200	177189	19.841	ng/ul	98
71) Pentachlorophenol	16.751	266	141934	19.195	ng/ul	100
72) Phenanthrene	17.151	178	787588	19.763	ng/ul	99
74) Anthracene	17.234	178	800990	19.751	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.093	216	234267	20.540	ng/uL	95
76) Pentachlorobenzene	14.628	250	252979	20.169	ng/uL	99
77) Carbazole	17.516	167	702876	19.665	ng/ul	99
78) Di-n-butylphthalate	18.110	149	789479	19.158	ng/ul	100
80) Fluoranthene	19.239	202	1054891	19.971	ng/ul	99
82) Pyrene	19.616	202	1106799	19.466	ng/ul	97
83) Butylbenzylphthalate	20.569	149	374044	18.877	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	425043	20.811	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1216602	19.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	537295	18.481	ng/ul	100
87) Chrysene	21.580	228	1134749	19.668	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	939239	17.146	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1365059	19.830	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	1301520m	18.971	ng/ul	
93) Benzo(a)pyrene	24.651	252	1235814	19.483	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	1658454	20.053	ng/ul	98
95) Dibenzo(a,h)anthracene	28.604	278	1329029m	19.948	ng/ul	
96) Benzo(g,h,i)perylene	29.668	276	1286127	20.042	ng/ul	99

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

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