

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023245.D
 Acq On : 20 Nov 2024 10:56
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Nov 21 00:36:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	78958	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.299	136	290447	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.181	164	223452	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	567677	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	665527	20.000	ng/u1	0.01
88) Perylene-d12	24.645	264	767892	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15380m	9.363	ng/uL	0.00
4) Pyridine-d5	3.534	84	100605	20.614	ng/u1	-0.01
7) Phenol-d5	6.758	99	114829	19.671	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.905	67	69095	20.146	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.099	132	87672	20.507	ng/u1	-0.02
15) 4-Methylphenol-d8	8.263	113	91207	18.986	ng/u1	-0.02
21) Nitrobenzene-d5	8.705	128	42651	21.093	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	50465	20.935	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.946	165	105667	20.931	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.457	131	118381	19.656	ng/u1	-0.01
46) Dimethylphthalate-d6	13.581	166	344602	21.397	ng/u1	0.00
49) Acenaphthylene-d8	13.869	160	373966	22.254	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	39551	16.342	ng/u1	0.00
60) Fluorene-d10	15.198	176	298429	21.135	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	63646	18.716	ng/u1	0.00
73) Anthracene-d10	17.092	188	517905	21.547	ng/u1	0.00
81) Pyrene-d10	19.480	212	662429	21.609	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.421	264	810037	22.146	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	17014	8.964	ng/uL	90
5) Pyridine	3.558	79	103164	21.048	ng/u1	97
6) Benzaldehyde	6.728	77	76056m	22.640	ng/u1	
8) Phenol	6.781	94	118069	19.369	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.993	93	93675	20.450	ng/u1	97
12) 2-Chlorophenol	7.128	128	92334	20.802	ng/u1	94
13) 2-Methylphenol	8.011	108	86658	19.044	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.063	45	108984	21.017	ng/u1	95
16) Acetophenone	8.369	105	155659	19.283	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.352	70	79513	19.727	ng/u1	99
18) 4-Methylphenol	8.340	108	94629	18.828	ng/u1	99
19) Hexachloroethane	8.599	117	44539	20.748	ng/u1	99
22) Nitrobenzene	8.746	77	125950	21.708	ng/u1	98
23) Isophorone	9.252	82	219314	21.140	ng/u1	98
25) 2-Nitrophenol	9.446	139	53573	21.055	ng/u1	92
26) 2,4-Dimethylphenol	9.505	107	116284	21.165	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.734	93	123546	21.644	ng/u1	96
29) 2,4-Dichlorophenol	9.969	162	101211	20.241	ng/u1	99
30) Naphthalene	10.352	128	296412	21.006	ng/u1	99
32) 4-Chloroaniline	10.481	127	117488	20.136	ng/u1	99
33) Hexachlorobutadiene	10.628	225	93008	20.557	ng/u1	97
34) Caprolactam	11.275	113	29452m	19.802	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	110301	20.505	ng/u1	96
36) 2-Methylnaphthalene	11.969	142	215411	20.221	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	223835	20.554	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.340	216	167580	22.214	ng/ul	97
40) Hexachlorocyclopentadiene	12.304	237	71474	18.038	ng/ul	94
41) 2,4,6-Trichlorophenol	12.598	196	100073	21.785	ng/ul	95
42) 2,4,5-Trichlorophenol	12.698	196	105222	21.248	ng/ul	96
43) 1,1'-Biphenyl	12.993	154	311878	21.782	ng/ul	99
44) 2-Chloronaphthalene	13.034	162	253689	21.675	ng/ul	99
45) 2-Nitroaniline	13.257	65	71552	21.772	ng/ul	94
47) Dimethylphthalate	13.634	163	338822	21.333	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	67633	21.892	ng/ul	98
50) Acenaphthylene	13.893	152	370557	21.815	ng/ul	99
51) 3-Nitroaniline	14.122	138	54949	20.650	ng/ul#	93
52) Acenaphthene	14.240	153	271482	22.014	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	37318	17.023	ng/ul	93
55) 4-Nitrophenol	14.463	109	66106	23.346	ng/ul	94
56) Dibenzofuran	14.587	168	407485	21.386	ng/ul	98
57) 2,4-Dinitrotoluene	14.575	165	109892	22.318	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.834	232	101454	20.959	ng/ul	97
59) Diethylphthalate	15.016	149	337175	21.465	ng/ul	98
61) Fluorene	15.251	166	331088	21.231	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.240	204	194086	21.137	ng/ul	96
63) 4-Nitroaniline	15.298	138	56109	22.660	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.357	198	69334	19.086	ng/ul	95
67) N-Nitrosodiphenylamine	15.463	169	285465	21.762	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	138536	21.551	ng/ul	99
69) Hexachlorobenzene	16.281	284	170703	21.094	ng/ul	96
70) Atrazine	16.451	200	133842	21.108	ng/ul	98
71) Pentachlorophenol	16.651	266	110003	21.894	ng/ul	97
72) Phenanthrene	17.039	178	582920	21.749	ng/ul	99
74) Anthracene	17.128	178	591983	21.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	166471	22.211	ng/uL	98
76) Pentachlorobenzene	14.510	250	183592	21.452	ng/uL	97
77) Carbazole	17.428	167	506617	21.548	ng/ul	100
78) Di-n-butylphthalate	18.004	149	584346	22.397	ng/ul	99
80) Fluoranthene	19.133	202	769574	21.791	ng/ul	98
82) Pyrene	19.516	202	873379	23.021	ng/ul	99
83) Butylbenzylphthalate	20.469	149	279800	22.400	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	300661	20.126	ng/ul	99
85) Benzo(a)anthracene	21.410	228	899079	22.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	399276	22.494	ng/ul	99
87) Chrysene	21.480	228	840774	21.988	ng/ul	98
89) Di-n-octyl phthalate	22.545	149	665158	21.351	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	958913	22.436	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	957746	22.763	ng/ul#	98
93) Benzo(a)pyrene	24.486	252	865794	22.409	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	1150628m	21.375	ng/ul	
95) Dibenzo(a,h)anthracene	28.345	278	942148m	21.556	ng/ul	
96) Benzo(g,h,i)perylene	29.415	276	859002	21.009	ng/ul	99

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

