

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022829.D
 Acq On : 04 Nov 2024 16:19
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Quant Time: Nov 04 18:05:15 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	76897	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	292684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	231381	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	583437	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	643724	20.000	ng/ul	-0.02
88) Perylene-d12	24.721	264	734852	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	13550	6.848	ng/uL	0.00
4) Pyridine-d5	3.593	84	103449	19.043	ng/ul	0.00
7) Phenol-d5	6.822	99	126478	19.539	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	73518	19.324	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	97439	21.215	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	103318	20.001	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	47676	21.185	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	57593	22.105	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	123014	22.215	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	133824	20.452	ng/ul	-0.02
46) Dimethylphthalate-d6	13.657	166	380136	20.678	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	421015	21.562	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	53477	17.340	ng/ul	-0.02
60) Fluorene-d10	15.257	176	348260	21.841	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	67671	17.636	ng/ul	0.00
73) Anthracene-d10	17.157	188	588598	21.445	ng/ul	-0.01
81) Pyrene-d10	19.539	212	733229	21.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.509	264	842522	21.468	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	14893	7.000	ng/uL	98
5) Pyridine	3.611	79	104920	18.836	ng/ul	97
6) Benzaldehyde	6.793	77	70919	20.274	ng/ul	95
8) Phenol	6.852	94	134226	19.931	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.063	93	99133	19.669	ng/ul	97
12) 2-Chlorophenol	7.205	128	101375	21.344	ng/ul	96
13) 2-Methylphenol	8.075	108	99317	20.321	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.140	45	113014	19.293	ng/ul	98
16) Acetophenone	8.440	105	174114	20.416	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	86164	19.942	ng/ul	97
18) 4-Methylphenol	8.399	108	109488	20.194	ng/ul	94
19) Hexachloroethane	8.681	117	44719	20.217	ng/ul	98
22) Nitrobenzene	8.810	77	137188	20.423	ng/ul	97
23) Isophorone	9.328	82	243540	20.221	ng/ul	97
25) 2-Nitrophenol	9.510	139	60745	21.633	ng/ul	98
26) 2,4-Dimethylphenol	9.575	107	132389	21.692	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.798	93	137770	20.146	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	122897	22.537	ng/ul	98
30) Naphthalene	10.434	128	336980	21.616	ng/ul	99
32) 4-Chloroaniline	10.546	127	131897	20.421	ng/ul	98
33) Hexachlorobutadiene	10.710	225	101316	22.044	ng/ul	98
34) Caprolactam	11.340	113	33406m	19.002	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	130181	21.880	ng/ul	97
36) 2-Methylnaphthalene	12.045	142	251553	21.983	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	256294	21.943	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.422	216	187564	21.923	ng/ul	96
40) Hexachlorocyclopentadiene	12.392	237	92203	17.689	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	119176	22.145	ng/ul	99
42) 2,4,5-Trichlorophenol	12.745	196	128048	22.346	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	358061	21.469	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	296362	21.707	ng/ul	99
45) 2-Nitroaniline	13.328	65	81631	20.024	ng/ul	94
47) Dimethylphthalate	13.704	163	380052	20.747	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	75940	21.917	ng/ul	97
50) Acenaphthylene	13.969	152	433496	21.392	ng/ul	98
51) 3-Nitroaniline	14.163	138	61730	18.969	ng/ul	100
52) Acenaphthene	14.316	153	311493	21.738	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	43247	16.964	ng/ul	98
55) 4-Nitrophenol	14.498	109	60015	17.533	ng/ul	93
56) Dibenzofuran	14.657	168	470262	21.847	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	121724	22.608	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.892	232	119771	22.393	ng/ul	99
59) Diethylphthalate	15.086	149	370175	21.063	ng/ul	99
61) Fluorene	15.322	166	376940	21.492	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	220087	21.944	ng/ul	98
63) 4-Nitroaniline	15.357	138	64505m	19.698	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	74994	18.145	ng/ul	99
67) N-Nitrosodiphenylamine	15.522	169	325929	20.861	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	153373	21.799	ng/ul	97
69) Hexachlorobenzene	16.345	284	192467	22.224	ng/ul	96
70) Atrazine	16.504	200	137263	21.135	ng/ul	96
71) Pentachlorophenol	16.716	266	114869	20.628	ng/ul	97
72) Phenanthrene	17.104	178	644745	20.655	ng/ul	99
74) Anthracene	17.192	178	657397	21.104	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	190643	21.460	ng/uL	98
76) Pentachlorobenzene	14.569	250	213566	21.747	ng/uL	97
77) Carbazole	17.486	167	559448	20.297	ng/ul	99
78) Di-n-butylphthalate	18.069	149	629663	20.646	ng/ul	99
80) Fluoranthene	19.192	202	859868	21.972	ng/ul	98
82) Pyrene	19.569	202	895761	21.356	ng/ul	99
83) Butylbenzylphthalate	20.516	149	302189	20.693	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	314310	20.483	ng/ul	98
85) Benzo(a)anthracene	21.463	228	926249	20.525	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	416894	19.888	ng/ul#	97
87) Chrysene	21.527	228	857364	20.490	ng/ul	99
89) Di-n-octyl phthalate	22.627	149	708460	20.268	ng/ul	100
90) Benzo(b)fluoranthene	23.698	252	972503	21.024	ng/ul#	99
91) Benzo(k)fluoranthene	23.768	252	972313	21.470	ng/ul	99
93) Benzo(a)pyrene	24.580	252	883555	20.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.398	276	1168794	20.574	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.480	278	942952	20.497	ng/ul#	98
96) Benzo(g,h,i)perylene	29.556	276	897283m	20.306	ng/ul	

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

