

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018752.D
 Acq On : 12 Dec 2023 06:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020720

Quant Time: Dec 12 06:41:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :mohammad ahmed 12/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	146662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	549656	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	362020	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	859919	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	954086	20.000	ng/u1	# 0.00
88) Perylene-d12	23.668	264	1124256	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	32079	7.454	ng/uL	0.00
4) Pyridine-d5	3.681	84	212263	18.413	ng/u1	0.00
7) Phenol-d5	7.010	99	243951	16.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	144625	16.579	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	197122	17.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	196395	16.488	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	92634	18.935	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	100986	19.911	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	211823	20.424	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	251389	18.547	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	630100	19.501	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	684047	19.226	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	106592	20.098	ng/u1	0.00
60) Fluorene-d10	15.463	176	536756	19.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	100975	19.584	ng/u1	0.00
73) Anthracene-d10	17.316	188	869043	19.223	ng/u1	0.00
81) Pyrene-d10	19.551	212	1102116	14.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1229842	18.761	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	33523	7.103	ng/uL	97
5) Pyridine	3.699	79	210524	18.084	ng/u1	97
6) Benzaldehyde	6.981	77	114051	15.009	ng/u1	100
8) Phenol	7.034	94	240881	16.689	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.269	93	197772	16.684	ng/u1	99
12) 2-Chlorophenol	7.399	128	198236	17.055	ng/u1	99
13) 2-Methylphenol	8.287	108	181808	16.453	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	234992	15.624	ng/u1	96
16) Acetophenone	8.663	105	299453	16.869	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.652	70	143503	14.695	ng/u1	100
18) 4-Methylphenol	8.616	108	195333	16.189	ng/u1	98
19) Hexachloroethane	8.916	117	86980	18.254	ng/u1	85
22) Nitrobenzene	9.040	77	225286	18.941	ng/u1	99
23) Isophorone	9.569	82	410800	16.939	ng/u1	97
25) 2-Nitrophenol	9.752	139	105972	19.514	ng/u1#	92
26) 2,4-Dimethylphenol	9.816	107	205069	19.308	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.057	93	259395	16.942	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	201013	20.122	ng/u1	96
30) Naphthalene	10.687	128	617578	18.521	ng/u1	100
32) 4-Chloroaniline	10.799	127	240823	18.642	ng/u1	100
33) Hexachlorobutadiene	10.969	225	162057	24.223	ng/u1	98
34) Caprolactam	11.569	113	52211m	17.045	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	205236	18.340	ng/u1	97
36) 2-Methylnaphthalene	12.293	142	432302	18.300	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	435967	18.275	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	287207	21.866	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	154585	19.856	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	174527	20.656	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	188968	20.629	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	590353	18.855	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	474764	19.199	ng/ul	98
45) 2-Nitroaniline	13.557	65	123203	18.378	ng/ul	96
47) Dimethylphthalate	13.934	163	619055	19.464	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	119920	19.957	ng/ul	99
50) Acenaphthylene	14.192	152	744739	18.618	ng/ul	99
51) 3-Nitroaniline	14.375	138	112427	18.743	ng/ul	100
52) Acenaphthene	14.534	153	499437	18.883	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	60095	18.870	ng/ul	92
55) 4-Nitrophenol	14.687	109	96592	24.106	ng/ul	81
56) Dibenzofuran	14.869	168	716125	19.481	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	175136	20.720	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	169811	22.100	ng/ul	95
59) Diethylphthalate	15.298	149	611380	19.644	ng/ul	100
61) Fluorene	15.516	166	582034	20.010	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.516	204	321895	21.101	ng/ul	97
63) 4-Nitroaniline	15.539	138	115220m	20.163	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	108805	19.738	ng/ul	91
67) N-Nitrosodiphenylamine	15.728	169	505466	17.739	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	219040	20.177	ng/ul	93
69) Hexachlorobenzene	16.516	284	262338	21.644	ng/ul	97
70) Atrazine	16.681	200	133103	15.711	ng/ul	96
71) Pentachlorophenol	16.863	266	155789	21.611	ng/ul	97
72) Phenanthrene	17.257	178	971268	18.702	ng/ul	100
74) Anthracene	17.351	178	978712	18.800	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	290331	19.526	ng/uL	99
76) Pentachlorobenzene	14.787	250	293334	20.084	ng/uL	100
77) Carbazole	17.622	167	877534	21.150	ng/ul	100
78) Di-n-butylphthalate	18.180	149	1043220	18.883	ng/ul	99
80) Fluoranthene	19.227	202	1247754	14.213	ng/ul#	93
82) Pyrene	19.580	202	1298571	14.663	ng/ul#	91
83) Butylbenzylphthalate	20.463	149	485588	14.977	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	457559	19.735	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1442693	18.629	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	742321	16.658	ng/ul#	99
87) Chrysene	21.345	228	1322590	18.546	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1287375	15.683	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	1521643	18.357	ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	1426182	17.782	ng/ul#	97
93) Benzo(a)pyrene	23.563	252	1386463	18.305	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	1757093	19.416	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.151	278	1468853	19.512	ng/ul#	95
96) Benzo(g,h,i)perylene	26.886	276	1409247	19.350	ng/ul#	93

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

