

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017961.D
 Acq On : 08 Nov 2023 13:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

Quant Time: Nov 08 22:10:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	76444	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	323283	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	218436	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	513637	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	517003	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	569450	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15952	7.987	ng/uL	0.00
4) Pyridine-d5	3.676	84	107680	19.426	ng/u1	0.00
7) Phenol-d5	7.022	99	128313	17.899	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	82053	18.975	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	106850	19.398	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	109336	18.453	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	53693	20.783	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	60700	20.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	113043	20.723	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	151356	19.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	374623	19.559	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	410640	19.538	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	52449	17.810	ng/u1	0.00
60) Fluorene-d10	15.516	176	317235	19.788	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	63131	16.807	ng/u1	0.00
73) Anthracene-d10	17.392	188	516130	19.326	ng/u1	0.00
81) Pyrene-d10	19.639	212	633597	19.306	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	619144	19.459	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	16881	7.740	ng/uL	95
5) Pyridine	3.693	79	111779	19.395	ng/u1	93
6) Benzaldehyde	7.022	77	86208	21.621	ng/u1	96
8) Phenol	7.046	94	129907	18.421	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.299	93	104991	18.590	ng/u1	96
12) 2-Chlorophenol	7.411	128	107636	19.676	ng/u1	97
13) 2-Methylphenol	8.305	108	99627	18.376	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.364	45	120646m	18.554	ng/u1	
16) Acetophenone	8.711	105	178661	18.789	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	93749	18.839	ng/u1	98
18) 4-Methylphenol	8.640	108	107723	18.470	ng/u1	95
19) Hexachloroethane	8.905	117	52093	19.064	ng/u1	97
22) Nitrobenzene	9.099	77	152287	21.613	ng/u1	98
23) Isophorone	9.605	82	260331	20.317	ng/u1	99
25) 2-Nitrophenol	9.799	139	63021	20.465	ng/u1	93
26) 2,4-Dimethylphenol	9.840	107	137252	21.104	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.093	93	145711	20.673	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	108326	20.534	ng/u1	96
30) Naphthalene	10.722	128	365689	19.490	ng/u1	99
32) 4-Chloroaniline	10.869	127	143731	18.932	ng/u1	99
33) Hexachlorobutadiene	10.940	225	79873	18.197	ng/u1	97
34) Caprolactam	11.699	113	33037m	19.650	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	126249	20.672	ng/u1	93
36) 2-Methylnaphthalene	12.334	142	251006	19.606	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	259866	19.647	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	140109	18.517	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	62601	15.536	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	92270	19.290	ng/ul	98
42) 2,4,5-Trichlorophenol	13.022	196	92874	18.855	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	342766	19.242	ng/ul	96
44) 2-Chloronaphthalene	13.399	162	271591	19.138	ng/ul	98
45) 2-Nitroaniline	13.646	65	90816	21.373	ng/ul	90
47) Dimethylphthalate	13.987	163	369570	19.565	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	71973	19.198	ng/ul	92
50) Acenaphthylene	14.246	152	461556	19.621	ng/ul	99
51) 3-Nitroaniline	14.487	138	70302	19.907	ng/ul	95
52) Acenaphthene	14.581	153	306538	19.662	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	31244	14.158	ng/ul#	79
55) 4-Nitrophenol	14.781	109	78631	20.580	ng/ul	92
56) Dibenzofuran	14.922	168	432079	20.063	ng/ul	96
57) 2,4-Dinitrotoluene	14.928	165	112581	20.094	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.146	232	88298	19.237	ng/ul#	91
59) Diethylphthalate	15.340	149	397423	20.193	ng/ul	99
61) Fluorene	15.575	166	366036	20.074	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	183663	19.463	ng/ul	95
63) 4-Nitroaniline	15.657	138	71711	21.464	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.681	198	67901	17.304	ng/ul	91
67) N-Nitrosodiphenylamine	15.793	169	303460	19.196	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	108064	17.867	ng/ul	92
69) Hexachlorobenzene	16.551	284	121767	17.540	ng/ul#	90
70) Atrazine	16.751	200	114618	18.984	ng/ul	96
71) Pentachlorophenol	16.922	266	72099	17.098	ng/ul	97
72) Phenanthrene	17.334	178	592621	19.622	ng/ul	98
74) Anthracene	17.428	178	599175	19.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	140353	17.436	ng/uL	98
76) Pentachlorobenzene	14.810	250	143224	17.830	ng/uL	99
77) Carbazole	17.722	167	537715	19.643	ng/ul	98
78) Di-n-butylphthalate	18.228	149	703611	20.657	ng/ul	100
80) Fluoranthene	19.310	202	726599	18.970	ng/ul	99
82) Pyrene	19.669	202	765099	19.152	ng/ul	100
83) Butylbenzylphthalate	20.533	149	343321	19.533	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	234007	18.106	ng/ul	96
85) Benzo(a)anthracene	21.392	228	782658	19.657	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	483802	19.009	ng/ul	99
87) Chrysene	21.451	228	734663	19.898	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	853079	17.738	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	758043	19.287	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	768983	19.510	ng/ul	100
93) Benzo(a)pyrene	23.780	252	715506	19.583	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	845521	19.429	ng/ul	100
95) Dibenzo(a,h)anthracene	26.545	278	706051	19.504	ng/ul	99
96) Benzo(g,h,i)perylene	27.345	276	685189	19.777	ng/ul	98

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

