

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017773.D
 Acq On : 24 Oct 2023 04:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: Oct 24 07:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	145165	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	589295	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	362882	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	685924	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.510	240	589728	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	621881	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	31678	8.118	ng/uL	0.00
4) Pyridine-d5	3.687	84	218916	21.428	ng/u1	0.00
7) Phenol-d5	7.040	99	254008	21.027	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	171174	22.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	214166	21.737	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	208905	22.022	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	101712	21.300	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	111023	21.043	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	211395	20.425	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	274817	20.290	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	609044	19.993	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	705915	20.779	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	78062	17.984	ng/u1	0.00
60) Fluorene-d10	15.581	176	520190	19.754	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	86629	19.174	ng/u1	0.00
73) Anthracene-d10	17.469	188	720400	20.552	ng/u1	0.00
81) Pyrene-d10	19.727	212	810231	21.914	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	716683	20.691	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	34045	8.225	ng/uL	96
5) Pyridine	3.705	79	222917	21.296	ng/u1	99
6) Benzaldehyde	7.046	77	156864	24.139	ng/u1	100
8) Phenol	7.069	94	248342	20.850	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	222245	22.365	ng/u1	97
12) 2-Chlorophenol	7.434	128	213115	21.536	ng/u1	97
13) 2-Methylphenol	8.334	108	197171	21.935	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	291467m	23.830	ng/u1	
16) Acetophenone	8.740	105	330956	22.191	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.704	70	170232	24.065	ng/u1	95
18) 4-Methylphenol	8.669	108	211155	22.120	ng/u1	94
19) Hexachloroethane	8.940	117	99384	21.858	ng/u1#	79
22) Nitrobenzene	9.134	77	269479	22.665	ng/u1	100
23) Isophorone	9.646	82	478682	22.514	ng/u1	97
25) 2-Nitrophenol	9.840	139	120254	21.353	ng/u1	94
26) 2,4-Dimethylphenol	9.881	107	238698	21.595	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.140	93	287319	21.849	ng/u1	97
29) 2,4-Dichlorophenol	10.363	162	202062	20.417	ng/u1	97
30) Naphthalene	10.763	128	698447	20.595	ng/u1	100
32) 4-Chloroaniline	10.910	127	264617	20.403	ng/u1	98
33) Hexachlorobutadiene	10.987	225	137031	17.053	ng/u1	98
34) Caprolactam	11.745	113	53801	21.112	ng/u1	90
35) 4-Chloro-3-methylphenol	12.028	107	210911	22.637	ng/u1	92
36) 2-Methylnaphthalene	12.381	142	467869	20.424	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	470985	20.104	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	247017	18.396	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	109886	14.244	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	161207	20.004	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	168712	20.250	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	610648	20.426	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	490762	20.307	ng/ul	98
45) 2-Nitroaniline	13.704	65	136076	24.778	ng/ul	96
47) Dimethylphthalate	14.045	163	595965	19.850	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	114196	20.665	ng/ul	94
50) Acenaphthylene	14.304	152	792865	20.835	ng/ul	99
51) 3-Nitroaniline	14.539	138	109946	20.919	ng/ul	96
52) Acenaphthene	14.645	153	521601	20.276	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	42229	13.613	ng/ul#	85
55) 4-Nitrophenol	14.839	109	92935m	20.226	ng/ul	
56) Dibenzofuran	14.986	168	713678	19.760	ng/ul	95
57) 2,4-Dinitrotoluene	14.986	165	168476	20.657	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.210	232	134280	18.162	ng/ul#	91
59) Diethylphthalate	15.410	149	595722	20.551	ng/ul	99
61) Fluorene	15.639	166	595310	20.066	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	290991	18.453	ng/ul	93
63) 4-Nitroaniline	15.716	138	104975	22.144	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	91680	18.945	ng/ul#	90
67) N-Nitrosodiphenylamine	15.863	169	482924	23.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	150591	18.764	ng/ul#	90
69) Hexachlorobenzene	16.622	284	160200	17.387	ng/ul#	86
70) Atrazine	16.828	200	154394	20.215	ng/ul	99
71) Pentachlorophenol	16.998	266	94112	16.990	ng/ul	99
72) Phenanthrene	17.416	178	826934	20.580	ng/ul	99
74) Anthracene	17.504	178	846358	20.797	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	247542	21.508	ng/uL	98
76) Pentachlorobenzene	14.875	250	220600	19.777	ng/uL	99
77) Carbazole	17.804	167	717104	20.849	ng/ul	99
78) Di-n-butylphthalate	18.310	149	918715	23.007	ng/ul	99
80) Fluoranthene	19.398	202	948248	22.322	ng/ul	97
82) Pyrene	19.757	202	991002	22.020	ng/ul#	96
83) Butylbenzylphthalate	20.633	149	401357	25.929	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	263180	19.753	ng/ul#	98
85) Benzo(a)anthracene	21.498	228	941213	20.994	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	578309	26.763	ng/ul#	99
87) Chrysene	21.551	228	871807	20.564	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	980607	24.894	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	871088m	20.582	ng/ul	
91) Benzo(k)fluoranthene	23.321	252	842965	19.652	ng/ul	98
93) Benzo(a)pyrene	23.951	252	832887	20.962	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.774	276	927690	19.590	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.804	278	768306	19.445	ng/ul#	96
96) Benzo(g,h,i)perylene	27.621	276	746682	19.570	ng/ul#	95

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

