

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018466.D
 Acq On : 29 Nov 2023 06:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 09:06:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 04:01:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	479417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	2069145	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1336033	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	2838413	20.000	ng/u1	0.01
79) Chrysene-d12	21.698	240	2312353m	20.000	ng/u1	0.26
88) Perylene-d12	25.315	264	2231524m	20.000	ng/u1	1.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	95102	7.430	ng/uL	0.00
4) Pyridine-d5	3.681	84	677072	19.248	ng/u1	0.00
7) Phenol-d5	7.016	99	869404	19.843	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	481300	18.370	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	738514	20.076	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	732203	20.708	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	368917	21.951	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	384612	24.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	810552	21.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	1066245	21.112	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2334072	19.634	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	2704106	19.963	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	354170	21.581	ng/u1	0.00
60) Fluorene-d10	15.486	176	2016896	20.284	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	293759	24.312	ng/u1	0.01
73) Anthracene-d10	17.357	188	3068215	20.224	ng/u1	0.01
81) Pyrene-d10	19.663	212	3409559	18.527	ng/u1	0.06
92) Benzo(a)pyrene-d12	25.039	264	2648353m	20.471	ng/u1	1.09
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	99041	7.216	ng/uL#	86
5) Pyridine	3.699	79	670833	18.927	ng/u1	94
6) Benzaldehyde	6.993	77	486363	20.977	ng/u1	93
8) Phenol	7.046	94	861256	20.039	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.281	93	709580	19.821	ng/u1	94
12) 2-Chlorophenol	7.416	128	735716	19.935	ng/u1	93
13) 2-Methylphenol	8.299	108	688796	20.576	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	836077	16.430	ng/u1	94
16) Acetophenone	8.681	105	1092680	20.196	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.669	70	489581	16.198	ng/u1	91
18) 4-Methylphenol	8.628	108	742680	20.775	ng/u1	99
19) Hexachloroethane	8.934	117	294217	19.090	ng/u1	89
22) Nitrobenzene	9.057	77	761303	19.336	ng/u1	92
23) Isophorone	9.587	82	1494490	17.030	ng/u1	96
25) 2-Nitrophenol	9.763	139	418108	23.942	ng/u1	92
26) 2,4-Dimethylphenol	9.828	107	739283	18.855	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	990193	18.683	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	768278	21.419	ng/u1	98
30) Naphthalene	10.704	128	2477202	19.795	ng/u1	99
32) 4-Chloroaniline	10.816	127	1017518	21.350	ng/u1	100
33) Hexachlorobutadiene	10.987	225	531652	21.732	ng/u1	99
34) Caprolactam	11.593	113	171933	16.633	ng/u1	80
35) 4-Chloro-3-methylphenol	11.940	107	737473	19.230	ng/u1	94
36) 2-Methylnaphthalene	12.316	142	1750994	19.770	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1760370	19.746	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1031110	21.852	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	470332	17.599	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	642711	22.681	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	686414	22.401	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	2322125	19.948	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1871553	20.314	ng/ul	97
45) 2-Nitroaniline	13.569	65	396017	19.976	ng/ul	86
47) Dimethylphthalate	13.957	163	2296852	19.746	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	454445	23.173	ng/ul	87
50) Acenaphthylene	14.216	152	2998961	19.862	ng/ul	100
51) 3-Nitroaniline	14.398	138	462854	23.755	ng/ul#	90
52) Acenaphthene	14.557	153	1951083	19.781	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	158015	23.096	ng/ul	97
55) 4-Nitrophenol	14.704	109	240709	19.797	ng/ul	91
56) Dibenzofuran	14.892	168	2733973	20.275	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	647261	24.424	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.116	232	581184	24.151	ng/ul	96
59) Diethylphthalate	15.328	149	2255553	19.304	ng/ul	98
61) Fluorene	15.545	166	2152964	19.578	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1145647	20.516	ng/ul	95
63) 4-Nitroaniline	15.569	138	434912	23.651	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.622	198	323209	24.118	ng/ul	96
67) N-Nitrosodiphenylamine	15.757	169	1862931	19.354	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	742483	20.719	ng/ul	94
69) Hexachlorobenzene	16.551	284	882031	22.016	ng/ul#	92
70) Atrazine	16.728	200	642613	21.869	ng/ul	98
71) Pentachlorophenol	16.904	266	491431	23.873	ng/ul	99
72) Phenanthrene	17.304	178	3455033	20.012	ng/ul	99
74) Anthracene	17.392	178	3508854	20.135	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1033112	21.175	ng/uL	99
76) Pentachlorobenzene	14.810	250	1022166	21.568	ng/uL	99
77) Carbazole	17.675	167	3000571	21.252	ng/ul	99
78) Di-n-butylphthalate	18.263	149	3842753	19.568	ng/ul	100
80) Fluoranthene	19.322	202	3976214	18.086	ng/ul	98
82) Pyrene	19.692	202	4049262	18.290	ng/ul	97
83) Butylbenzylphthalate	20.833	149	1525239m	18.617	ng/ul	
84) 3,3'-Dichlorobenzidine	21.733	252	1009173m	18.044	ng/ul	
85) Benzo(a)anthracene	21.686	228	3738548m	19.838	ng/ul	
86) Bis(2-ethylhexyl)phtha...	22.286	149	2096499m	17.056	ng/ul	
87) Chrysene	21.733	228	3379011m	19.704	ng/ul	
89) Di-n-octyl phthalate	24.668	149	2806293m	17.082	ng/ul	
90) Benzo(b)fluoranthene	24.210	252	6282164m	38.758	ng/ul	
91) Benzo(k)fluoranthene	25.127	252	2993570m	18.552	ng/ul	
93) Benzo(a)pyrene	25.127	252	2963488m	19.881	ng/ul	

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

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