Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
Data File : BP018147.D
Acq On : 14 Nov 2023 09:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020676

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 00:47:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 15:50:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	73829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	328923	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	228251	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	531167	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.374	240	501390	20.000	ng/ul	#-0.02
88) Perylene-d12	23.851	264	526191	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16748	8.002	ng/uL	0.00
4) Pyridine-d5	3.593	84	90116	16.514	ng/ul	-0.01
7) Phenol-d5	6.951	99	117709	16.514	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	80739	19.275	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	108976	19.307	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	109667	18.776	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	52805	17.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	61157	18.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	110133	18.406	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	154122	18.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	391853	18.606	ng/ul	-0.01
49) Acenaphthylene-d8	14.163	160	430553	18.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	37890	12.040	ng/ul	-0.01
60) Fluorene-d10	15.469	176	339823	19.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	54086	14.085	ng/ul	-0.04
73) Anthracene-d10	17.351	188	552723	19.240	ng/ul	0.00
81) Pyrene-d10	19.604	212	647305	19.328	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	592441	19.363	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	17983	7.874	ng/uL	94
5) Pyridine	3.616	79	91711	16.284	ng/ul	98
6) Benzaldehyde	6.957	77	80044	20.852	ng/ul	97
8) Phenol	6.981	94	116597	16.582	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	109006	19.983	ng/ul	98
12) 2-Chlorophenol	7.340	128	111309	19.641	ng/ul	99
13) 2-Methylphenol	8.240	108	102354	19.266	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	142072m	22.809	ng/ul	
16) Acetophenone	8.646	105	181559	19.556	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	96271	18.993	ng/ul	96
18) 4-Methylphenol	8.581	108	113003	19.504	ng/ul	96
19) Hexachloroethane	8.834	117	53127	19.593	ng/ul	82
22) Nitrobenzene	9.040	77	146739	18.339	ng/ul	94
23) Isophorone	9.540	82	268490	18.388	ng/ul	99
25) 2-Nitrophenol	9.740	139	66066	19.150	ng/ul	93
26) 2,4-Dimethylphenol	9.781	107	131641	17.938	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.034	93	161232	20.250	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	106051	18.560	ng/ul	96
30) Naphthalene	10.657	128	381772	19.086	ng/ul	99
32) 4-Chloroaniline	10.810	127	148660	18.913	ng/ul	98
33) Hexachlorobutadiene	10.869	225	73979	17.636	ng/ul	98
34) Caprolactam	11.639	113	31899m	16.805	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	124923	18.172	ng/ul	92
36) 2-Methylnaphthalene	12.275	142	270250	19.679	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	276029	19.560	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	136952	17.761	ng/ul	97
40) Hexachlorocyclopentadiene	12.563	237	10690	2.872	ng/ul	93
41) 2,4,6-Trichlorophenol	12.898	196	74089	14.647	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	79505	14.935	ng/ul	96
43) 1,1'-Biphenyl	13.292	154	367890	18.955	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	286642	18.602	ng/ul	97
45) 2-Nitroaniline	13.604	65	88842	17.866	ng/ul	97
47) Dimethylphthalate	13.939	163	387319	18.748	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	74031	18.029	ng/ul	99
50) Acenaphthylene	14.198	152	486874	18.800	ng/ul	99
51) 3-Nitroaniline	14.439	138	72062	18.912	ng/ul	96
52) Acenaphthene	14.533	153	326337	19.003	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	6223	2.778	ng/ul	92
55) 4-Nitrophenol	14.745	109	58048	13.896	ng/ul	96
56) Dibenzofuran	14.875	168	462011	19.632	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	114602	18.680	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	66447	14.031	ng/ul	96
59) Diethylphthalate	15.292	149	428987	19.876	ng/ul	99
61) Fluorene	15.528	166	390465	19.543	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	187101	19.110	ng/ul	99
63) 4-Nitroaniline	15.616	138	71174	19.795	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	54353	13.641	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	332034	19.492	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	96612	16.138	ng/ul	90
69) Hexachlorobenzene	16.504	284	108913	16.304	ng/ul	97
70) Atrazine	16.710	200	111995	18.847	ng/ul	94
71) Pentachlorophenol	16.886	266	21041m	5.189	ng/ul	
72) Phenanthrene	17.292	178	641951	19.684	ng/ul	100
74) Anthracene	17.386	178	655095	19.683	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	135996	16.766	ng/uL	99
76) Pentachlorobenzene	14.763	250	134839	16.981	ng/uL	95
77) Carbazole	17.686	167	582483	20.154	ng/ul	99
78) Di-n-butylphthalate	18.192	149	775645	21.151	ng/ul	99
80) Fluoranthene	19.274	202	757682	19.372	ng/ul#	94
82) Pyrene	19.633	202	816057	19.911	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	364106	21.125	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	225669	18.839	ng/ul	97
85) Benzo(a)anthracene	21.363	228	798669	19.727	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	533294	22.441	ng/ul	99
87) Chrysene	21.415	228	739171	19.515	ng/ul	97
89) Di-n-octyl phthalate	22.198	149	949565	24.130	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	726558	19.402	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	753307	19.994	ng/ul#	97
93) Benzo(a)pyrene	23.739	252	695258	19.660	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.468	276	776904	18.317	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.492	278	645341	18.478	ng/ul#	96
96) Benzo(g,h,i)perylene	27.286	276	572622	16.879	ng/ul	96

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

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