Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018247.D
Acq On : 18 Nov 2023 07:02
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020685

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 19 01:10:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	65068	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	259420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	187305	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	426876	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	433169	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	469728	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	15379	8.338	ng/uL	0.00
4) Pyridine-d5	3.593	84	89805	18.673	ng/ul	0.00
7) Phenol-d5	6.946	99	108827	17.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	68363	18.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	87772	17.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	86948	16.891	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	42554	18.207	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	47507	17.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	89509	18.967	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	115205	17.801	ng/ul	-0.01
46) Dimethylphthalate-d6	13.881	166	321722	18.616	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	340495	18.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	32557	12.607	ng/ul	0.00
60) Fluorene-d10	15.463	176	268225	18.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	53566	17.358	ng/ul	0.00
73) Anthracene-d10	17.339	188	437941	18.969	ng/ul	0.00
81) Pyrene-d10	19.598	212	526212	18.187	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	523676	19.173	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	16784	8.339	ng/uL	96
5) Pyridine	3.611	79	93682	18.874	ng/ul	97
6) Benzaldehyde	6.952	77	71517	21.139	ng/ul	98
8) Phenol	6.975	94	106371	17.165	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	86392	17.970	ng/ul	95
12) 2-Chlorophenol	7.334	128	89696	17.958	ng/ul	99
13) 2-Methylphenol	8.234	108	81297	17.363	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.287	45	98313m	17.909	ng/ul	
16) Acetophenone	8.634	105	143893	17.586	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	76962	17.228	ng/ul	94
18) 4-Methylphenol	8.569	108	86096	16.861	ng/ul	95
19) Hexachloroethane	8.822	117	45081	18.865	ng/ul	96
22) Nitrobenzene	9.028	77	122170	19.359	ng/ul	96
23) Isophorone	9.534	82	208844	18.135	ng/ul	99
25) 2-Nitrophenol	9.728	139	50664	18.620	ng/ul	91
26) 2,4-Dimethylphenol	9.775	107	104463	18.048	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.028	93	115602	18.409	ng/ul	100
29) 2,4-Dichlorophenol	10.252	162	84037	18.648	ng/ul	99
30) Naphthalene	10.646	128	297404	18.851	ng/ul	99
32) 4-Chloroaniline	10.804	127	113223	18.264	ng/ul	94
33) Hexachlorobutadiene	10.857	225	68801	20.796	ng/ul	94
34) Caprolactam	11.634	113	25344m	16.929	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	101951	18.804	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	202284	18.676	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	206832	18.583	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	113718	17.972	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	46288	15.155	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	71657	17.263	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	79831	18.274	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	292641	18.374	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	234847	18.572	ng/ul	99
45) 2-Nitroaniline	13.593	65	72197	17.693	ng/ul	95
47) Dimethylphthalate	13.928	163	318269	18.774	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	61731	18.320	ng/ul	98
50) Acenaphthylene	14.187	152	389178	18.313	ng/ul	100
51) 3-Nitroaniline	14.440	138	54615	17.467	ng/ul#	95
52) Acenaphthene	14.522	153	262144	18.602	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	22456	12.216	ng/ul	95
55) 4-Nitrophenol	14.740	109	56307	16.426	ng/ul	90
56) Dibenzofuran	14.863	168	362788	18.786	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	95363	18.942	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.092	232	76280	19.629	ng/ul	94
59) Diethylphthalate	15.287	149	332134	18.752	ng/ul	98
61) Fluorene	15.516	166	306584	18.699	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	161054	20.045	ng/ul	94
63) 4-Nitroaniline	15.616	138	56435	19.127	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.639	198	55782	17.420	ng/ul	96
67) N-Nitrosodiphenylamine	15.739	169	257828	18.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	97703	20.307	ng/ul	90
69) Hexachlorobenzene	16.498	284	115429	21.501	ng/ul#	90
70) Atrazine	16.704	200	97339	20.383	ng/ul	99
71) Pentachlorophenol	16.875	266	45579	13.986	ng/ul	96
72) Phenanthrene	17.286	178	497039	18.964	ng/ul	100
74) Anthracene	17.381	178	500525	18.713	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	130789	20.064	ng/uL	94
76) Pentachlorobenzene	14.757	250	132551	20.771	ng/uL	96
77) Carbazole	17.681	167	442899	19.068	ng/ul	99
78) Di-n-butylphthalate	18.181	149	572726	19.434	ng/ul	97
80) Fluoranthene	19.269	202	607362	17.974	ng/ul	97
82) Pyrene	19.628	202	632333	17.858	ng/ul	98
83) Butylbenzylphthalate	20.498	149	270464	18.163	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.310	252	207708	20.070	ng/ul	96
85) Benzo(a)anthracene	21.357	228	660285	18.877	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	388227	18.910	ng/ul	98
87) Chrysene	21.416	228	618132	18.890	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	671313	19.110	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	629012	18.816	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	644988	19.177	ng/ul	99
93) Benzo(a)pyrene	23.739	252	603532	19.118	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	713432	18.842	ng/ul	99
95) Dibenzo(a,h)anthracene	26.498	278	595840	19.112	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	563137	18.595	ng/ul	99

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

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