Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016178.D
Acq On : 11 Jul 2023 04:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020655

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 11 04:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	210755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	972920	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.657	164	639081	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.422	188	1412168	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.528	240	1306822	20.000	ng/ul	-0.02
88) Perylene-d12	24.069	264	1363327	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	46296	7.903	ng/uL	0.00
4) Pyridine-d5	3.793	84	256563	17.375	ng/ul	0.00
7) Phenol-d5	7.199	99	364351	20.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	244053	21.876	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	277870	20.413	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	280618	19.699	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	137508	18.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	158594	18.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	289213	18.702	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	434940	21.894	ng/ul	-0.01
46) Dimethylphthalate-d6	14.069	166	962840	19.492	ng/ul	-0.01
49) Acenaphthylene-d8	14.351	160	1109827	19.987	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.981	143	147198	22.582	ng/ul	-0.01
60) Fluorene-d10	15.657	176	826180	20.313	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	122087	14.058	ng/ul	-0.01
73) Anthracene-d10	17.528	188	1313664	20.365	ng/ul	-0.01
81) Pyrene-d10	19.763	212	1511898	17.718	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.892	264	1352055	19.660	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	49128	7.793	ng/uL	95
5) Pyridine	3.811	79	286847	18.569	ng/ul	98
6) Benzaldehyde	7.181	77	139452	19.128	ng/ul	99
8) Phenol	7.228	94	393156	21.010	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.434	93	321639	21.603	ng/ul	99
12) 2-Chlorophenol	7.575	128	297089	20.543	ng/ul	98
13) 2-Methylphenol	8.481	108	299139	21.173	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	532642	26.193	ng/ul	99
16) Acetophenone	8.863	105	506724	21.639	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.822	70	289732	22.277	ng/ul	97
18) 4-Methylphenol	8.828	108	323440	21.307	ng/ul	96
19) Hexachloroethane	9.069	117	135541	20.293	ng/ul	92
22) Nitrobenzene	9.246	77	399359	19.126	ng/ul	97
23) Isophorone	9.763	82	805155	20.150	ng/ul	99
25) 2-Nitrophenol	9.963	139	174529	18.950	ng/ul	94
26) 2,4-Dimethylphenol	10.028	107	384550	18.994	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.252	93	467820	20.740	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	291472	18.958	ng/ul	99
30) Naphthalene	10.875	128	1072316	20.274	ng/ul	99
32) 4-Chloroaniline	11.040	127	447136	21.664	ng/ul	97
33) Hexachlorobutadiene	11.134	225	193823	16.694	ng/ul	97
34) Caprolactam	11.846	113	100901m	21.456	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	351940	19.556	ng/ul	99
36) 2-Methylnaphthalene	12.499	142	719158	20.655	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	729922	20.551	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	387130	18.382	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	118368	18.788	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	244231	18.350	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	254544	18.031	ng/ul	98
43) 1,1'-Biphenyl	13.493	154	994766	19.652	ng/ul	98
44) 2-Chloronaphthalene	13.546	162	771193	19.339	ng/ul	97
45) 2-Nitroaniline	13.799	65	247597	19.733	ng/ul	95
47) Dimethylphthalate	14.116	163	997171	19.506	ng/ul	98
48) 2,6-Dinitrotoluene	14.275	165	197001	18.998	ng/ul	97
50) Acenaphthylene	14.381	152	1235613	20.195	ng/ul	99
51) 3-Nitroaniline	14.646	138	115306	14.180	ng/ul#	86
52) Acenaphthene	14.722	153	864198	20.369	ng/ul	98
53) 2,4-Dinitrophenol	14.893	184	102881	18.701	ng/ul	89
55) 4-Nitrophenol	14.987	109	113389m	16.786	ng/ul	
56) Dibenzofuran	15.069	168	1189252	20.192	ng/ul	98
57) 2,4-Dinitrotoluene	15.093	165	287492	20.345	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.316	232	228421	18.838	ng/ul	98
59) Diethylphthalate	15.469	149	1043414	20.170	ng/ul	99
61) Fluorene	15.716	166	975778	20.425	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	469514	19.207	ng/ul	96
63) 4-Nitroaniline	15.828	138	89628m	16.104	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	126173	14.359	ng/ul#	90
67) N-Nitrosodiphenylamine	15.928	169	807834	19.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	288657	17.900	ng/ul	90
69) Hexachlorobenzene	16.722	284	345543	18.160	ng/ul	94
70) Atrazine	16.887	200	290178	17.932	ng/ul	97
71) Pentachlorophenol	17.104	266	141321m	15.475	ng/ul	
72) Phenanthrene	17.469	178	1559804	20.332	ng/ul	99
74) Anthracene	17.569	178	1581542	20.516	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	396338	17.248	ng/uL	99
76) Pentachlorobenzene	14.987	250	404710	17.451	ng/uL	100
77) Carbazole	17.863	167	1379136	21.226	ng/ul	98
78) Di-n-butylphthalate	18.357	149	1858285	21.574	ng/ul	99
80) Fluoranthene	19.439	202	1832640	17.281	ng/ul#	94
82) Pyrene	19.798	202	1915999	17.711	ng/ul#	91
83) Butylbenzylphthalate	20.633	149	869481	19.701	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	446476	15.113	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1775882	19.318	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	1286219	21.206	ng/ul	99
87) Chrysene	21.569	228	1809723	20.749	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	2164877	21.728	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1717380	19.605	ng/ul#	98
91) Benzo(k)fluoranthene	23.327	252	1773157	20.034	ng/ul#	97
93) Benzo(a)pyrene	23.951	252	1514965	19.792	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.751	276	1743806	16.782	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.751	278	1394124	16.334	ng/ul#	95
96) Benzo(g,h,i)perylene	27.592	276	1374492m	16.079	ng/ul	

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

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