Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014210.D
Acq On : 22 Mar 2023 09:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020784

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023

Quant Time: Mar 22 09:31:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	242982	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1074730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	739954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1696007	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1652452	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	1488905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	45321	7.047	ng/uL	0.00
4) Pyridine-d5	3.840	84	351612	19.747	ng/ul	0.00
7) Phenol-d5	7.205	99	454260	21.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	279940	22.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	344710	21.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	374737	21.395	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	178578	20.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	204742	19.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	380813	19.716	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	502222	19.649	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1195580	19.038	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1334996	20.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	203711	18.408	ng/ul	0.00
60) Fluorene-d10	15.675	176	1008766	18.954	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	227458	17.745	ng/ul	0.00
73) Anthracene-d10	17.540	188	1630898	19.809	ng/ul	0.00
81) Pyrene-d10	19.763	212	1994103	21.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1591454	20.094	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	50942	7.338	ng/uL	89
5) Pyridine	3.864	79	354092	19.609	ng/ul	97
6) Benzaldehyde	7.181	77	272737	25.563	ng/ul	98
8) Phenol	7.228	94	474456	21.456	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.458	93	371516	21.930	ng/ul	97
12) 2-Chlorophenol	7.605	128	354812	21.557	ng/ul	96
13) 2-Methylphenol	8.493	108	354875	21.582	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.575	45	470345	25.709	ng/ul	99
16) Acetophenone	8.875	105	606648	21.440	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.858	70	325831	22.509	ng/ul	97
18) 4-Methylphenol	8.822	108	394715	21.825	ng/ul	100
19) Hexachloroethane	9.128	117	152374	21.137	ng/ul	95
22) Nitrobenzene	9.258	77	479393	20.899	ng/ul	96
23) Isophorone	9.787	82	905588	20.500	ng/ul	97
25) 2-Nitrophenol	9.975	139	213797	20.209	ng/ul	96
26) 2,4-Dimethylphenol	10.028	107	467161	20.174	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.263	93	530929	20.778	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	371925	19.521	ng/ul	97
30) Naphthalene	10.916	128	1173233	19.880	ng/ul	100
32) 4-Chloroaniline	11.028	127	503659	19.582	ng/ul	98
33) Hexachlorobutadiene	11.187	225	274406	18.099	ng/ul	97
34) Caprolactam	11.822	113	121413m	19.626	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	454146	20.614	ng/ul	96
36) 2-Methylnaphthalene	12.516	142	815176	19.693	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	817244	19.643	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	501484	18.741	ng/ul	99
40) Hexachlorocyclopentadiene	12.852	237	269613	14.071	ng/ul	96
41) 2,4,6-Trichlorophenol	13.122	196	332571	19.785	ng/ul	98
42) 2,4,5-Trichlorophenol	13.199	196	360041	19.517	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	1129044	19.819	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	896669	19.818	ng/ul	97
45) 2-Nitroaniline	13.775	65	298162	22.281	ng/ul	98
47) Dimethylphthalate	14.134	163	1187073	19.097	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	249331	20.289	ng/ul	95
50) Acenaphthylene	14.404	152	1409241	20.186	ng/ul	100
51) 3-Nitroaniline	14.598	138	230026	21.140	ng/ul	97
52) Acenaphthene	14.746	153	978296	20.045	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	140257	15.283	ng/ul	96
55) 4-Nitrophenol	14.904	109	194214	16.247	ng/ul	88
56) Dibenzofuran	15.081	168	1365849	19.237	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	362594	19.748	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	327623	18.564	ng/ul	98
59) Diethylphthalate	15.493	149	1206543	19.138	ng/ul	100
61) Fluorene	15.734	166	1134357	19.274	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	599493	18.455	ng/ul	97
63) 4-Nitroaniline	15.763	138	241635	21.604	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.816	198	220439	18.025	ng/ul	99
67) N-Nitrosodiphenylamine	15.934	169	980791	20.476	ng/ul	100
68) 4-Bromophenyl-phenylether	16.616	248	392451	19.141	ng/ul	98
69) Hexachlorobenzene	16.734	284	459765	19.029	ng/ul	96
70) Atrazine	16.892	200	400516	19.386	ng/ul	99
71) Pentachlorophenol	17.087	266	272835	17.276	ng/ul	98
72) Phenanthrene	17.481	178	1844621	19.941	ng/ul	99
74) Anthracene	17.575	178	1899153	20.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	519957	19.976	ng/uL	99
76) Pentachlorobenzene	14.998	250	518486	19.176	ng/uL	99
77) Carbazole	17.839	167	1702597	20.580	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2161901	20.909	ng/ul	99
80) Fluoranthene	19.434	202	2316265	22.297	ng/ul#	94
82) Pyrene	19.792	202	2393463	22.087	ng/ul	96
83) Butylbenzylphthalate	20.639	149	1049607	24.021	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.428	252	775725	18.338	ng/ul	98
85) Benzo(a)anthracene	21.498	228	2365902	20.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1557543	23.842	ng/ul	99
87) Chrysene	21.557	228	2188442	19.757	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	2606732	27.746	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2055813m	20.721	ng/ul	
91) Benzo(k)fluoranthene	23.310	252	2047049	21.638	ng/ul	99
93) Benzo(a)pyrene	23.922	252	1731572	20.066	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	2023237	17.711	ng/ul	97
95) Dibenzo(a,h)anthracene	26.686	278	1678898	17.683	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	1593408	17.451	ng/ul	98

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

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