Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
Data File : BP017713.D
Acq On : 18 Oct 2023 00:21
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020784

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 01:20:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	141483	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	568797	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	361332	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	808681	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	924023	20.000	ng/ul	-0.01
88) Perylene-d12	24.098	264	1065338	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30107	7.846	ng/uL	-0.01
4) Pyridine-d5	3.693	84	211781	19.964	ng/ul	0.00
7) Phenol-d5	7.052	99	259442	19.696	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	163089	20.417	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	209954	20.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	204996	19.484	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	99009	20.724	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.822	143	105754	19.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	211181	20.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	291413	20.134	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	632923	20.225	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	709186	21.045	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.845	143	93444	17.854	ng/ul	0.00
60) Fluorene-d10	15.604	176	542445	20.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	98534	17.239	ng/ul	0.00
73) Anthracene-d10	17.492	188	875259	20.966	ng/ul	0.00
81) Pyrene-d10	19.751	212	1108716	19.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1237738	20.696	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	31834	7.822	ng/uL	98
5) Pyridine	3.711	79	225879	20.734	ng/ul	97
6) Benzaldehyde	7.058	77	150174	22.508	ng/ul	97
8) Phenol	7.081	94	261901	20.034	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.334	93	211880	20.199	ng/ul	97
12) 2-Chlorophenol	7.452	128	213075	20.917	ng/ul	99
13) 2-Methylphenol	8.352	108	192666	19.797	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	279071m	20.619	ng/ul	
16) Acetophenone	8.757	105	327215	19.988	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	165204	19.939	ng/ul	99
18) 4-Methylphenol	8.687	108	210764	19.923	ng/ul	100
19) Hexachloroethane	8.957	117	92420	20.309	ng/ul	97
22) Nitrobenzene	9.152	77	263505	21.472	ng/ul	99
23) Isophorone	9.663	82	443148	20.028	ng/ul	99
25) 2-Nitrophenol	9.857	139	118967	20.813	ng/ul	98
26) 2,4-Dimethylphenol	9.899	107	235654	20.749	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.151	93	279347	20.662	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	204363	20.974	ng/ul	95
30) Naphthalene	10.787	128	690481	20.881	ng/ul	99
32) 4-Chloroaniline	10.928	127	283246	20.466	ng/ul	97
33) Hexachlorobutadiene	11.004	225	151448	20.102	ng/ul	97
34) Caprolactam	11.763	113	56732	19.036	ng/ul	92
35) 4-Chloro-3-methylphenol	12.046	107	213834	20.802	ng/ul	99
36) 2-Methylnaphthalene	12.404	142	469223	20.720	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	477724	20.784	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	281434	21.349	ng/ul	97
40) Hexachlorocyclopentadiene	12.698	237	116480	19.668	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	166838	20.552	ng/ul	96
42) 2,4,5-Trichlorophenol	13.092	196	180295	21.038	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	623740	21.062	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	506128	21.363	ng/ul	99
45) 2-Nitroaniline	13.722	65	134459	20.530	ng/ul	97
47) Dimethylphthalate	14.063	163	629913	20.383	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	115671	20.224	ng/ul	94
50) Acenaphthylene	14.322	152	803439	21.076	ng/ul	100
51) 3-Nitroaniline	14.557	138	111655	19.356	ng/ul	95
52) Acenaphthene	14.663	153	532313	20.993	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	52250	14.794	ng/ul	91
55) 4-Nitrophenol	14.863	109	89561m	18.264	ng/ul	
56) Dibenzofuran	15.004	168	761124	20.924	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	177873	20.146	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.228	232	161244	20.340	ng/ul	99
59) Diethylphthalate	15.428	149	623508	20.114	ng/ul	99
61) Fluorene	15.663	166	622213	20.747	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.651	204	325658	20.421	ng/ul	96
63) 4-Nitroaniline	15.734	138	115353	20.122	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	109970	18.370	ng/ul#	95
67) N-Nitrosodiphenylamine	15.881	169	518668	21.465	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	199851	20.495	ng/ul	96
69) Hexachlorobenzene	16.645	284	245129	21.122	ng/ul	98
70) Atrazine	16.845	200	194844	20.836	ng/ul	99
71) Pentachlorophenol	17.022	266	133384	18.978	ng/ul	98
72) Phenanthrene	17.433	178	1010345	21.237	ng/ul	99
74) Anthracene	17.528	178	1013710	21.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	285961	22.411	ng/uL	97
76) Pentachlorobenzene	14.892	250	284913	21.758	ng/uL	97
77) Carbazole	17.822	167	920218	21.115	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1013102	18.876	ng/ul	100
80) Fluoranthene	19.416	202	1259035	19.810	ng/ul	99
82) Pyrene	19.780	202	1342545	20.220	ng/ul	99
83) Butylbenzylphthalate	20.651	149	472768	18.302	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	448481	18.949	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1480567	20.897	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	671360	17.188	ng/ul	100
87) Chrysene	21.574	228	1370154	20.955	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	1200230	17.255	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1528361	21.067	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	1487791	20.614	ng/ul	100
93) Benzo(a)pyrene	23.980	252	1430648	21.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1748124	21.101	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	1470475	21.178	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	1402153	21.284	ng/ul	99

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

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