Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
Data File : BP014609.D
Acq On : 07 Apr 2023 16:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020666

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 01:49:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 00:45:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	121371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	523375	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	327302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	680553	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	655403	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	739376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	28830	9.212	ng/uL	0.00
4) Pyridine-d5	3.799	84	176521	22.009	ng/ul	0.00
7) Phenol-d5	7.151	99	221221m	19.763	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	161715	22.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	173815	21.485	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	179856	19.920	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	86344	20.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	95776	19.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	174259	19.777	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	219990	18.955	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	535068	20.162	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	608569	20.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	65184	16.259	ng/ul	0.00
60) Fluorene-d10	15.633	176	450710	20.366	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	94388	18.849	ng/ul	0.00
73) Anthracene-d10	17.498	188	689070	20.922	ng/ul	0.00
81) Pyrene-d10	19.733	212	792782	18.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	814670	20.739	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	32938	9.577	ng/uL	98
5) Pyridine	3.816	79	191825	22.854	ng/ul	97
6) Benzaldehyde	7.128	77	147528	26.516	ng/ul	98
8) Phenol	7.175	94	236381	20.357	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.404	93	201365	21.580	ng/ul	95
12) 2-Chlorophenol	7.546	128	182926	21.724	ng/ul	95
13) 2-Methylphenol	8.434	108	175319	20.246	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	291890	23.825	ng/ul	99
16) Acetophenone	8.822	105	309710	20.773	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.798	70	174120	21.617	ng/ul	94
18) 4-Methylphenol	8.769	108	190605	20.042	ng/ul	96
19) Hexachloroethane	9.063	117	85591	23.264	ng/ul	89
22) Nitrobenzene	9.204	77	258266	21.278	ng/ul	100
23) Isophorone	9.728	82	455662	20.365	ng/ul	99
25) 2-Nitrophenol	9.916	139	104765	20.516	ng/ul	94
26) 2,4-Dimethylphenol	9.975	107	238198	20.840	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.210	93	271211	20.218	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	176776	20.387	ng/ul	92
30) Naphthalene	10.851	128	605268	20.762	ng/ul	99
32) 4-Chloroaniline	10.975	127	228777	19.462	ng/ul	100
33) Hexachlorobutadiene	11.128	225	139493	20.306	ng/ul	99
34) Caprolactam	11.775	113	46998m	18.347	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	204026	19.130	ng/ul	97
36) 2-Methylnaphthalene	12.463	142	395227	20.005	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37)	1-Methylnaphthalene	12.681	142	396269	20.224 ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.828	216	236428	20.260 ng/ul	98
40)	Hexachlorocyclopentadiene	12.798	237	137327	18.172 ng/ul	98
41)	2,4,6-Trichlorophenol	13.075	196	141735	19.628 ng/ul	99
42)	2,4,5-Trichlorophenol	13.151	196	153200	19.928 ng/ul	95
43)	1,1'-Biphenyl	13.469	154	541167	20.465 ng/ul	99
44)	2-Chloronaphthalene	13.510	162	424467	20.302 ng/ul	99
45)	2-Nitroaniline	13.733	65	131140	20.253 ng/ul	95
47)	Dimethylphthalate	14.092	163	531062	20.014 ng/ul	100
48)	2,6-Dinitrotoluene	14.222	165	102805	19.831 ng/ul	94
50)	Acenaphthylene	14.357	152	654081	20.857 ng/ul	100
51)	3-Nitroaniline	14.563	138	86582	18.642 ng/ul	96
52)	Acenaphthene	14.698	153	455056	20.534 ng/ul	99
53)	2,4-Dinitrophenol	14.775	184	49154	14.642 ng/ul#	84
55)	4-Nitrophenol	14.880	109	66879	16.902 ng/ul	97
56)	Dibenzofuran	15.033	168	636215	20.422 ng/ul	98
57)	2,4-Dinitrotoluene	15.016	165	150999	20.534 ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.269	232	135782	19.652 ng/ul	96
59)	Diethylphthalate	15.451	149	538709	20.430 ng/ul	99
61)	Fluorene	15.686	166	518878	20.549 ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.680	204	271086	19.982 ng/ul	99
63)	4-Nitroaniline	15.733	138	70077	18.571 ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.780	198	89973	18.540 ng/ul	98
67)	N-Nitrosodiphenylamine	15.898	169	430809	20.346 ng/ul	97
68)	4-Bromophenyl-phenylether	16.580	248	167094	19.731 ng/ul	95
69)	Hexachlorobenzene	16.692	284	193565	19.899 ng/ul	97
70)	Atrazine	16.857	200	156765	20.338 ng/ul	99
71)	Pentachlorophenol	17.051	266	103133	18.301 ng/ul	93
72)	Phenanthrene	17.439	178	797592	21.066 ng/ul	99
74)	Anthracene	17.533	178	808059	21.176 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.433	216	239930	20.028 ng/uL	98
76)	Pentachlorobenzene	14.951	250	235197	19.676 ng/uL	96
77)	Carbazole	17.810	167	663545	20.779 ng/ul	99
78)	Di-n-butylphthalate	18.339	149	863731	21.511 ng/ul	99
80)	Fluoranthene	19.404	202	921747	17.708 ng/ul	98
82)	Pyrene	19.757	202	972577	17.897 ng/ul	98
83)	Butylbenzylphthalate	20.615	149	386413	20.643 ng/ul	95
84)	3,3'-Dichlorobenzidine	21.404	252	313649	21.638 ng/ul	97
85)	Benzo(a)anthracene	21.474	228	961171	20.695 ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.368	149	572182	22.353 ng/ul	99
87)	Chrysene	21.527	228	936414	21.353 ng/ul	99
89)	Di-n-octyl phthalate	22.327	149	980895	20.443 ng/ul	100
90)	Benzo(b)fluoranthene	23.221	252	1027101	20.568 ng/ul	98
91)	Benzo(k)fluoranthene	23.274	252	980388	20.214 ng/ul	100
93)	Benzo(a)pyrene	23.880	252	898691	20.908 ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.621	276	1197912	20.257 ng/ul	98
95)	Dibenzo(a,h)anthracene	26.633	278	995950	20.116 ng/ul	98
96)	Benzo(g,h,i)perylene	27.421	276	993339	20.608 ng/ul	98

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

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