Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042822\
Data File : BP010131.D
Acq On : 28 Apr 2022 09:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 01:05:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	183666	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.734	136	805487	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.563	164	538747	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.322	188	1110784	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	876376	20.000	ng/ul	# 0.00
88) Perylene-d12	23.863	264	667786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	34952	8.298	ng/uL	0.00
4) Pyridine-d5	3.781	84	235757	19.897	ng/ul	0.00
7) Phenol-d5	7.093	99	347277	20.787	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	219109	21.858	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	273862	22.135	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	287348	20.760	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	142600	22.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	158535	22.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	292640	21.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	395144	20.233	ng/ul	-0.01
46) Dimethylphthalate-d6	13.975	166	887969	21.188	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1110507	21.895	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	136081	17.638	ng/ul	0.00
60) Fluorene-d10	15.557	176	751077	20.834	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	135787	19.333	ng/ul	0.00
73) Anthracene-d10	17.416	188	1163620	21.653	ng/ul	0.00
81) Pyrene-d10	19.651	212	1274603	25.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	779777	22.274	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	35824	8.185	ng/uL#	20
5) Pyridine	3.799	79	245124	19.902	ng/ul#	43
6) Benzaldehyde	7.063	77	202156	22.644	ng/ul	96
8) Phenol	7.122	94	350115	20.857	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.352	93	281711	21.783	ng/ul#	77
12) 2-Chlorophenol	7.493	128	274370	21.985	ng/ul	93
13) 2-Methylphenol	8.375	108	268763	20.877	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	424598	22.126	ng/ul#	85
16) Acetophenone	8.752	105	455225	21.080	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.740	70	237850	21.022	ng/ul#	76
18) 4-Methylphenol	8.705	108	294003	20.742	ng/ul	94
19) Hexachloroethane	9.016	117	117344	22.377	ng/ul#	82
22) Nitrobenzene	9.134	77	343005	21.853	ng/ul#	85
23) Isophorone	9.663	82	655209	21.134	ng/ul#	96
25) 2-Nitrophenol	9.846	139	163487	22.062	ng/ul#	84
26) 2,4-Dimethylphenol	9.910	107	344147	21.451	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.146	93	392384	21.594	ng/ul#	98
29) 2,4-Dichlorophenol	10.381	162	283222	21.631	ng/ul#	85
30) Naphthalene	10.787	128	926686	21.981	ng/ul	98
32) 4-Chloroaniline	10.893	127	396555	20.605	ng/ul	94
33) Hexachlorobutadiene	11.081	225	203464	21.926	ng/ul	95
34) Caprolactam	11.663	113	89238m	18.947	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	321719	20.340	ng/ul#	67
36) 2-Methylnaphthalene	12.393	142	651028	21.292	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	653549	21.051	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	374611	22.506	ng/ul	94
40) Hexachlorocyclopentadiene	12.745	237	206476	22.012	ng/ul	93
41) 2,4,6-Trichlorophenol	12.998	196	235504	21.868	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.075	196	251812	21.490	ng/ul#	86
43) 1,1'-Biphenyl	13.398	154	889340	22.381	ng/ul#	94
44) 2-Chloronaphthalene	13.440	162	684977	22.276	ng/ul	94
45) 2-Nitroaniline	13.640	65	213226m	21.384	ng/ul	
47) Dimethylphthalate	14.022	163	857774	21.060	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	178248	21.325	ng/ul	94
50) Acenaphthylene	14.287	152	1090104	21.697	ng/ul	95
51) 3-Nitroaniline	14.463	138	98937	13.067	ng/ul#	83
52) Acenaphthene	14.628	153	702051	21.490	ng/ul	96
53) 2,4-Dinitrophenol	14.675	184	74668	15.986	ng/ul#	82
55) 4-Nitrophenol	14.775	109	112613	16.800	ng/ul#	43
56) Dibenzofuran	14.963	168	1016971	21.023	ng/ul	100
57) 2,4-Dinitrotoluene	14.922	165	251626	20.607	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.192	232	218987	21.025	ng/ul#	87
59) Diethylphthalate	15.387	149	874388	21.106	ng/ul	94
61) Fluorene	15.616	166	833874	20.995	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.610	204	440585	21.078	ng/ul	99
63) 4-Nitroaniline	15.628	138	96072m	13.040	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	135200	19.951	ng/ul#	93
67) N-Nitrosodiphenylamine	15.822	169	723140	22.689	ng/ul	95
68) 4-Bromophenyl-phenylether	16.504	248	266400	22.484	ng/ul	93
69) Hexachlorobenzene	16.628	284	302896	22.025	ng/ul#	91
70) Atrazine	16.775	200	273879	21.137	ng/ul#	89
71) Pentachlorophenol	16.969	266	175183	20.002	ng/ul#	82
72) Phenanthrene	17.363	178	1292784	21.413	ng/ul	98
74) Anthracene	17.451	178	1318052	21.675	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	393713	24.279	ng/uL#	86
76) Pentachlorobenzene	14.887	250	368717	23.187	ng/uL	92
77) Carbazole	17.722	167	1100927	20.459	ng/ul#	96
78) Di-n-butylphthalate	18.275	149	1450655	21.912	ng/ul#	92
80) Fluoranthene	19.327	202	1474925	26.237	ng/ul#	96
82) Pyrene	19.680	202	1483024	25.606	ng/ul#	93
83) Butylbenzylphthalate	20.551	149	621054	25.941	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	319940	20.289	ng/ul#	97
85) Benzo(a)anthracene	21.386	228	1231607	22.144	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	896379	25.262	ng/ul#	81
87) Chrysene	21.445	228	1201410	21.938	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1378955	26.562	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	994649	22.156	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	980848	23.065	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	911011	21.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	967031	23.416	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.445	278	823128	23.293	ng/ul#	95
96) Benzo(g,h,i)perylene	27.209	276	838884	24.073	ng/ul#	90

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

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