Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020368.D
Acq On : 14 May 2024 15:14
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020799

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 00:05:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 23:58:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	289445	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	200602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	461970	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	542142	20.000	ng/ul	0.00
88) Perylene-d12	24.951	264	618630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	14205	8.470	ng/uL	0.00
4) Pyridine-d5	3.599	84	94330	19.358	ng/ul	0.00
7) Phenol-d5	6.787	99	109106	17.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	67055	18.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	87946	20.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	87865	17.867	ng/ul	0.00
21) Nitrobenzene-d5	8.757	128	42116	19.431	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	50610	20.390	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	91474	20.196	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	116091	18.313	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	297260	20.292	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	322242	19.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	32466	14.420	ng/ul	0.00
60) Fluorene-d10	15.298	176	250731	20.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	54635	18.637	ng/ul	0.00
73) Anthracene-d10	17.216	188	408841	20.457	ng/ul	0.00
81) Pyrene-d10	19.616	212	525843	16.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	581527	19.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	15150	7.961	ng/uL	93
5) Pyridine	3.616	79	94321	19.137	ng/ul	99
6) Benzaldehyde	6.769	77	64450	21.080	ng/ul	100
8) Phenol	6.810	94	112013	17.842	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.040	93	92818	18.894	ng/ul	98
12) 2-Chlorophenol	7.163	128	89744	19.768	ng/ul	97
13) 2-Methylphenol	8.040	108	86546	18.481	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.110	45	109386	17.850	ng/ul#	95
16) Acetophenone	8.422	105	151144	18.519	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.399	70	80384	18.149	ng/ul	96
18) 4-Methylphenol	8.375	108	91558	17.988	ng/ul	95
19) Hexachloroethane	8.640	117	42137	20.296	ng/ul	94
22) Nitrobenzene	8.799	77	118724	19.081	ng/ul	97
23) Isophorone	9.316	82	222115	18.565	ng/ul	99
25) 2-Nitrophenol	9.499	139	52620	20.467	ng/ul	95
26) 2,4-Dimethylphenol	9.557	107	107718	19.204	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.799	93	122635	18.489	ng/ul	100
29) 2,4-Dichlorophenol	10.034	162	90416	20.522	ng/ul	97
30) Naphthalene	10.410	128	300665	20.153	ng/ul	100
32) 4-Chloroaniline	10.557	127	112149	18.091	ng/ul	100
33) Hexachlorobutadiene	10.669	225	72832	21.284	ng/ul	96
34) Caprolactam	11.369	113	29458m	19.149	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	102672	18.717	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	203817	19.635	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	206661	19.784	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	126959	20.293	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	47478	13.954	ng/ul	94
41) 2,4,6-Trichlorophenol	12.681	196	79469	20.255	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	80077	18.968	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	272129	19.180	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	221219	19.649	ng/ul	99
45) 2-Nitroaniline	13.363	65	69688	18.661	ng/ul	95
47) Dimethylphthalate	13.734	163	298306	20.160	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	60811	20.673	ng/ul	95
50) Acenaphthylene	13.987	152	366558	20.139	ng/ul	99
51) 3-Nitroaniline	14.222	138	51384	18.729	ng/ul	98
52) Acenaphthene	14.334	153	242393	19.817	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	28576	15.827	ng/ul#	88
55) 4-Nitrophenol	14.557	109	51896	22.139	ng/ul	93
56) Dibenzofuran	14.687	168	345182	20.519	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	91371	21.605	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.922	232	81128	21.400	ng/ul	97
59) Diethylphthalate	15.134	149	309187	20.933	ng/ul	99
61) Fluorene	15.351	166	285202	20.404	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	154779	20.872	ng/ul	94
63) 4-Nitroaniline	15.422	138	47123	20.610	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	56674	18.540	ng/ul	95
67) N-Nitrosodiphenylamine	15.586	169	237489	18.463	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	98482	19.681	ng/ul	91
69) Hexachlorobenzene	16.381	284	116176	20.045	ng/ul	99
70) Atrazine	16.581	200	87128	19.103	ng/ul	98
71) Pentachlorophenol	16.757	266	64657	18.457	ng/ul	99
72) Phenanthrene	17.151	178	461784	19.592	ng/ul	98
74) Anthracene	17.257	178	474888	19.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	127309	18.542	ng/uL	94
76) Pentachlorobenzene	14.592	250	131860	19.191	ng/uL	97
77) Carbazole	17.551	167	422192	20.443	ng/ul	99
78) Di-n-butylphthalate	18.145	149	525830	21.006	ng/ul	100
80) Fluoranthene	19.269	202	613708	16.455	ng/ul	99
82) Pyrene	19.651	202	634026	16.339	ng/ul	98
83) Butylbenzylphthalate	20.627	149	270167	18.341	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.516	252	226669	20.543	ng/ul	98
85) Benzo(a)anthracene	21.580	228	712853	19.386	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	404084	19.015	ng/ul#	97
87) Chrysene	21.651	228	666191	19.547	ng/ul	100
89) Di-n-octyl phthalate	22.810	149	724926	18.298	ng/ul	100
90) Benzo(b)fluoranthene	23.880	252	727771	19.777	ng/ul	99
91) Benzo(k)fluoranthene	23.951	252	738371	19.689	ng/ul	99
93) Benzo(a)pyrene	24.786	252	690404	19.717	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.733	276	823666m	19.189	ng/ul	
95) Dibenzo(a,h)anthracene	28.809	278	674112	18.987	ng/ul	98
96) Benzo(g,h,i)perylene	29.903	276	669408m	19.336	ng/ul	

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

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