Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019428.D
Acq On : 23 Jan 2024 19:34
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020758

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 24 00:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	161909	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	666412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	447599	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1021756	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	831443	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	847350	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	25720	6.007	ng/uL	0.00
4) Pyridine-d5	3.634	84	191159	15.439	ng/ul	0.00
7) Phenol-d5	6.957	99	258194	16.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	159628	17.246	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	192897	18.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	213582	17.397	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	100287	17.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	120809	18.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	240783	18.295	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	274338	16.502	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	738959	18.687	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	783589	18.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	91058	14.995	ng/ul	0.00
60) Fluorene-d10	15.410	176	582525	17.993	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	130677	17.323	ng/ul	0.00
73) Anthracene-d10	17.269	188	933832	18.325	ng/ul	0.00
81) Pyrene-d10	19.516	212	1052252	19.409	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.468	264	810562	17.592	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	28182	6.354	ng/uL	95
5) Pyridine	3.652	79	197933	15.737	ng/ul	93
6) Benzaldehyde	6.922	77	150827	22.357	ng/ul	96
8) Phenol	6.987	94	260551	16.713	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.204	93	217306	17.377	ng/ul	98
12) 2-Chlorophenol	7.340	128	197395	17.966	ng/ul	96
13) 2-Methylphenol	8.234	108	202874	17.349	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	263933m	17.737	ng/ul	
16) Acetophenone	8.604	105	347692	17.780	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	188449	18.495	ng/ul	98
18) 4-Methylphenol	8.563	108	215222	17.289	ng/ul	97
19) Hexachloroethane	8.834	117	91477	18.433	ng/ul	97
22) Nitrobenzene	8.981	77	280834	17.906	ng/ul	95
23) Isophorone	9.504	82	539617	17.747	ng/ul	99
25) 2-Nitrophenol	9.687	139	123493	18.047	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	261052	17.694	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	306353	17.518	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	232622	18.341	ng/ul	98
30) Naphthalene	10.616	128	669200	17.821	ng/ul	99
32) 4-Chloroaniline	10.740	127	272751	16.770	ng/ul	100
33) Hexachlorobutadiene	10.887	225	209838	19.176	ng/ul	99
34) Caprolactam	11.534	113	66449	16.706	ng/ul	91
35) 4-Chloro-3-methylphenol	11.881	107	251956	17.893	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	493193	18.051	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	479831	17.949	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	376107	19.390	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	228629	18.365	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	228706	19.160	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	241257	18.860	ng/ul	100
43) 1,1'-Biphenyl	13.245	154	682075	18.447	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	561833	18.789	ng/ul	98
45) 2-Nitroaniline	13.510	65	159559	18.603	ng/ul	95
47) Dimethylphthalate	13.881	163	729756	18.568	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	147890	19.030	ng/ul	97
50) Acenaphthylene	14.134	152	860395	18.531	ng/ul	99
51) 3-Nitroaniline	14.339	138	113964	16.812	ng/ul	100
52) Acenaphthene	14.481	153	542212	17.824	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	71412	14.014	ng/ul	96
55) 4-Nitrophenol	14.669	109	100750	15.364	ng/ul	97
56) Dibenzofuran	14.816	168	788222	18.098	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	205568	18.853	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.045	232	215989	19.020	ng/ul	99
59) Diethylphthalate	15.245	149	673269	18.307	ng/ul	99
61) Fluorene	15.469	166	644051	18.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	394121	18.513	ng/ul	99
63) 4-Nitroaniline	15.510	138	91676	17.445	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.569	198	137423	17.188	ng/ul	95
67) N-Nitrosodiphenylamine	15.681	169	542618	18.015	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	259579	18.599	ng/ul	95
69) Hexachlorobenzene	16.469	284	300326	18.672	ng/ul	97
70) Atrazine	16.645	200	243874	18.574	ng/ul	99
71) Pentachlorophenol	16.828	266	180846	18.103	ng/ul	99
72) Phenanthrene	17.216	178	1021134	17.792	ng/ul	99
74) Anthracene	17.304	178	1052452	18.089	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	363975	19.239	ng/uL	98
76) Pentachlorobenzene	14.733	250	347986	18.935	ng/uL	99
77) Carbazole	17.586	167	859723	17.368	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1111123	18.757	ng/ul	99
80) Fluoranthene	19.186	202	1244485	19.419	ng/ul	99
82) Pyrene	19.545	202	1241370	19.085	ng/ul	97
83) Butylbenzylphthalate	20.421	149	428867	19.218	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.198	252	329538	17.456	ng/ul	100
85) Benzo(a)anthracene	21.257	228	1134183	17.523	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	587507	18.341	ng/ul	99
87) Chrysene	21.310	228	1026791	17.355	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	879869	15.213	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	1007318	16.635	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	990674	16.864	ng/ul	100
93) Benzo(a)pyrene	23.515	252	939622	17.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.056	276	1180536	18.345	ng/ul	98
95) Dibenzo(a,h)anthracene	26.068	278	979646	18.390	ng/ul	99
96) Benzo(g,h,i)perylene	26.803	276	960575	18.587	ng/ul	97

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

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