Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023212.D
Acq On : 19 Nov 2024 10:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 12:01:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020729

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	95531	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.316	136	346100	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.175	164	263978	20.000	ng/ul	-0.03
64) Phenanthrene-d10	16.986	188	630260	20.000	ng/ul	-0.03
79) Chrysene-d12	21.433	240	709240	20.000	ng/ul	-0.01
88) Perylene-d12	24.651	264	795458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	18516	9.317	ng/uL	0.00
4) Pyridine-d5	3.546	84	122355	20.721	ng/ul	0.00
7) Phenol-d5	6.769	99	144503	20.460	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.910	67	90341	21.771	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.110	132	110936	21.447	ng/ul	-0.02
15) 4-Methylphenol-d8	8.275	113	115617	19.892	ng/ul	-0.02
21) Nitrobenzene-d5	8.710	128	53688	22.282	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.416	143	63925	22.254	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.957	165	131094	21.793	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.463	131	145423	20.264	ng/ul	-0.02
46) Dimethylphthalate-d6	13.598	166	414196	21.770	ng/ul	-0.01
49) Acenaphthylene-d8	13.869	160	441678	22.249	ng/ul	-0.03
54) 4-Nitrophenol-d4	14.445	143	45595	15.947	ng/ul	0.00
60) Fluorene-d10	15.186	176	353216	21.175	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	73093	19.359	ng/ul	0.00
73) Anthracene-d10	17.098	188	601045	22.523	ng/ul	-0.02
81) Pyrene-d10	19.486	212	748575	22.915	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.410	264	879128	23.202	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	19922	8.675	ng/uL#	86
5) Pyridine	3.564	79	122081	20.587	ng/ul	98
6) Benzaldehyde	6.734	77	95053	23.387	ng/ul	95
8) Phenol	6.793	94	149196	20.229	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.005	93	117292	21.163	ng/ul	94
12) 2-Chlorophenol	7.140	128	113951	21.218	ng/ul	96
13) 2-Methylphenol	8.010	108	109817	19.947	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.069	45	134169	21.385	ng/ul	96
16) Acetophenone	8.375	105	193602	19.823	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.357	70	98835	20.267	ng/ul	98
18) 4-Methylphenol	8.340	108	120546	19.824	ng/ul	99
19) Hexachloroethane	8.604	117	53676	20.666	ng/ul	96
22) Nitrobenzene	8.752	77	156034	22.569	ng/ul	98
23) Isophorone	9.263	82	269508	21.801	ng/ul	97
25) 2-Nitrophenol	9.446	139	65866	21.724	ng/ul	98
26) 2,4-Dimethylphenol	9.516	107	141185	21.565	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.740	93	153081	22.505	ng/ul	99
29) 2,4-Dichlorophenol	9.987	162	130021	21.821	ng/ul	96
30) Naphthalene	10.363	128	364381	21.671	ng/ul	99
32) 4-Chloroaniline	10.487	127	141647	20.372	ng/ul	98
33) Hexachlorobutadiene	10.634	225	114379	21.215	ng/ul	99
34) Caprolactam	11.275	113	35433m	19.993	ng/ul	
35) 4-Chloro-3-methylphenol	11.628	107	136781	21.339	ng/ul	96
36) 2-Methylnaphthalene	11.969	142	263820	20.783	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	272250	20.980	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.351	216	201807	22.645	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	88059	18.812	ng/ul	94
41) 2,4,6-Trichlorophenol	12.610	196	122933	22.653	ng/ul	95
42) 2,4,5-Trichlorophenol	12.692	196	129969	22.216	ng/ul	97
43) 1,1'-Biphenyl	12.998	154	374053	22.114	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	311872	22.555	ng/ul	96
45) 2-Nitroaniline	13.281	65	88581	22.815	ng/ul	89
47) Dimethylphthalate	13.645	163	398253	21.225	ng/ul	99
48) 2,6-Dinitrotoluene	13.769	165	78785	21.586	ng/ul	96
50) Acenaphthylene	13.898	152	448418	22.346	ng/ul	99
51) 3-Nitroaniline	14.110	138	68514	21.795	ng/ul	98
52) Acenaphthene	14.251	153	315599	21.663	ng/ul	98
53) 2,4-Dinitrophenol	14.357	184	40635	15.691	ng/ul	92
55) 4-Nitrophenol	14.463	109	58404	17.459	ng/ul	92
56) Dibenzofuran	14.586	168	487078	21.639	ng/ul	99
57) 2,4-Dinitrotoluene	14.592	165	127638	21.942	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.828	232	124329	21.741	ng/ul	97
59) Diethylphthalate	15.034	149	403788	21.759	ng/ul	99
61) Fluorene	15.245	166	391740	21.263	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.245	204	225608	20.798	ng/ul	98
63) 4-Nitroaniline	15.304	138	68085	23.276	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.375	198	78980	19.583	ng/ul	97
67) N-Nitrosodiphenylamine	15.475	169	339993	23.345	ng/ul	100
68) 4-Bromophenyl-phenylether	16.169	248	158091	22.151	ng/ul	98
69) Hexachlorobenzene	16.281	284	197265	21.956	ng/ul	99
70) Atrazine	16.457	200	157664	22.396	ng/ul	98
71) Pentachlorophenol	16.651	266	129660	23.244	ng/ul	98
72) Phenanthrene	17.033	178	661786	22.239	ng/ul	98
74) Anthracene	17.139	178	661550	22.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	199884	24.021	ng/uL	97
76) Pentachlorobenzene	14.504	250	216240	22.758	ng/uL	99
77) Carbazole	17.422	167	583478	22.353	ng/ul	99
78) Di-n-butylphthalate	17.998	149	683250	23.588	ng/ul	99
80) Fluoranthene	19.139	202	872971	23.195	ng/ul	99
82) Pyrene	19.516	202	954001	23.596	ng/ul	99
83) Butylbenzylphthalate	20.463	149	328161	24.653	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.339	252	306087	19.226	ng/ul	99
85) Benzo(a)anthracene	21.410	228	987436	22.801	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	457051	24.162	ng/ul	98
87) Chrysene	21.480	228	915832	22.475	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	769255	23.837	ng/ul	100
90) Benzo(b)fluoranthene	23.621	252	1018783	23.010	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	1025899	23.538	ng/ul#	99
93) Benzo(a)pyrene	24.492	252	920591	23.001	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	1202961	21.573	ng/ul	97
95) Dibenzo(a,h)anthracene	28.339	278	983121	21.714	ng/ul	100
96) Benzo(g,h,i)perylene	29.397	276	911400	21.519	ng/ul	99

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

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