Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111824\
Data File : BP023210.D
Acq On : 18 Nov 2024 23:28
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020728

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 19 01:42:23 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	62115	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.322	136	252738	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	218559	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	579798	20.000	ng/ul	-0.01
79) Chrysene-d12	21.433	240	687522	20.000	ng/ul	-0.01
88) Perylene-d12	24.645	264	796654	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	12099	9.363	ng/uL	0.00
4) Pyridine-d5	3.540	84	83525	21.755	ng/ul	0.00
7) Phenol-d5	6.775	99	99706	21.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	61158	22.667	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.116	132	73075	21.727	ng/ul	-0.01
15) 4-Methylphenol-d8	8.281	113	81186	21.483	ng/ul	-0.01
21) Nitrobenzene-d5	8.710	128	37493	21.309	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.422	143	44537	21.232	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.969	165	96742	22.023	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	111203	21.219	ng/ul	-0.01
46) Dimethylphthalate-d6	13.593	166	336917	21.389	ng/ul	-0.02
49) Acenaphthylene-d8	13.881	160	354188	21.549	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	40044	16.916	ng/ul	0.00
60) Fluorene-d10	15.210	176	304631	22.058	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	65854	18.960	ng/ul	-0.01
73) Anthracene-d10	17.092	188	547041	22.283	ng/ul	-0.02
81) Pyrene-d10	19.480	212	708951	22.387	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.421	264	871400	22.963	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	13404	8.977	ng/uL	98
5) Pyridine	3.564	79	85304	22.124	ng/ul	97
6) Benzaldehyde	6.740	77	67566	25.567	ng/ul	98
8) Phenol	6.805	94	104055	21.698	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.005	93	79491	22.059	ng/ul	98
12) 2-Chlorophenol	7.146	128	76405	21.881	ng/ul	95
13) 2-Methylphenol	8.022	108	75731	21.156	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.075	45	94463	23.156	ng/ul	98
16) Acetophenone	8.381	105	141829	22.334	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.363	70	73834	23.285	ng/ul	99
18) 4-Methylphenol	8.346	108	85334	21.582	ng/ul	93
19) Hexachloroethane	8.610	117	36372	21.537	ng/ul	99
22) Nitrobenzene	8.758	77	112907	22.364	ng/ul	98
23) Isophorone	9.269	82	197449	21.872	ng/ul	97
25) 2-Nitrophenol	9.457	139	47960	21.662	ng/ul	98
26) 2,4-Dimethylphenol	9.522	107	105594	22.086	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.740	93	110492	22.245	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	98030	22.530	ng/ul	96
30) Naphthalene	10.369	128	263988	21.500	ng/ul	98
32) 4-Chloroaniline	10.493	127	105803	20.838	ng/ul	93
33) Hexachlorobutadiene	10.640	225	81552	20.714	ng/ul	99
34) Caprolactam	11.287	113	27051m	20.901	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	104887	22.407	ng/ul	95
36) 2-Methylnaphthalene	11.981	142	202298	21.823	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.204	142	204685	21.600	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	153889	20.856	ng/ul	96
40) Hexachlorocyclopentadiene	12.328	237	67555	17.431	ng/ul	94
41) 2,4,6-Trichlorophenol	12.622	196	96001	21.367	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	107821	22.260	ng/ul	96
43) 1,1'-Biphenyl	13.010	154	297783	21.263	ng/ul	98
44) 2-Chloronaphthalene	13.057	162	246527	21.534	ng/ul	99
45) 2-Nitroaniline	13.281	65	74450	23.161	ng/ul	96
47) Dimethylphthalate	13.640	163	337012	21.694	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	66890	22.136	ng/ul	99
50) Acenaphthylene	13.904	152	362935	21.845	ng/ul	99
51) 3-Nitroaniline	14.134	138	57036	21.914	ng/ul	95
52) Acenaphthene	14.251	153	263944	21.882	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	34254	15.976	ng/ul	94
55) 4-Nitrophenol	14.481	109	72965	26.345	ng/ul	98
56) Dibenzofuran	14.598	168	407884	21.887	ng/ul	99
57) 2,4-Dinitrotoluene	14.592	165	110607	22.966	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.851	232	106534	22.501	ng/ul	96
59) Diethylphthalate	15.028	149	339604	22.104	ng/ul	99
61) Fluorene	15.263	166	340877	22.348	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	198353	22.085	ng/ul	98
63) 4-Nitroaniline	15.310	138	56123	23.173	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.369	198	71983	19.401	ng/ul#	96
67) N-Nitrosodiphenylamine	15.487	169	297268	22.188	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	140258	21.363	ng/ul	99
69) Hexachlorobenzene	16.287	284	176018	21.296	ng/ul	98
70) Atrazine	16.457	200	135718	20.956	ng/ul	96
71) Pentachlorophenol	16.657	266	113370	22.093	ng/ul	98
72) Phenanthrene	17.045	178	614034	22.430	ng/ul	98
74) Anthracene	17.128	178	618390	22.468	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.969	216	158018	20.642	ng/uL	97
76) Pentachlorobenzene	14.522	250	183070	20.944	ng/uL	95
77) Carbazole	17.428	167	532442	22.173	ng/ul	99
78) Di-n-butylphthalate	18.004	149	612704	22.993	ng/ul	100
80) Fluoranthene	19.139	202	834627	22.877	ng/ul	99
82) Pyrene	19.516	202	916446	23.383	ng/ul	99
83) Butylbenzylphthalate	20.463	149	308311	23.893	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	319614	20.710	ng/ul	99
85) Benzo(a)anthracene	21.416	228	948019	22.582	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	427903	23.335	ng/ul	97
87) Chrysene	21.480	228	900128	22.787	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	748240	23.151	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1033008	23.297	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1007147	23.073	ng/ul#	99
93) Benzo(a)pyrene	24.492	252	915200	22.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	1188480	21.281	ng/ul	99
95) Dibenzo(a,h)anthracene	28.333	278	960519	21.183	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	910302	21.460	ng/ul	97

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

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