Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023483.D
Acq On : 18 Dec 2024 03:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020755

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 03:47:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	272945	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.269	136	1051186	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.134	164	768562	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.951	188	1636265	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1562778	20.000	ng/ul	# 0.00
88) Perylene-d12	24.562	264	1638709	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	51163	6.901	ng/uL	-0.01
4) Pyridine-d5	3.505	84	377073	19.779	ng/ul	-0.01
7) Phenol-d5	6.740	99	440084	20.549	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	293680	21.735	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.075	132	316410	20.018	ng/ul	-0.01
15) 4-Methylphenol-d8	8.246	113	343298	19.861	ng/ul	-0.01
21) Nitrobenzene-d5	8.669	128	157482	20.062	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.381	143	184070	20.347	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.922	165	361040	18.909	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.428	131	434569	20.317	ng/ul	-0.01
46) Dimethylphthalate-d6	13.557	166	1078553	18.077	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1223140	19.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	119235	16.308	ng/ul	0.00
60) Fluorene-d10	15.151	176	945724	18.021	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	168794	17.069	ng/ul	0.01
73) Anthracene-d10	17.057	188	1520522	20.361	ng/ul	0.00
81) Pyrene-d10	19.433	212	1773644	21.723	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.327	264	1630129	18.583	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	55903	6.815	ng/uL	98
5) Pyridine	3.522	79	387206	19.884	ng/ul	92
6) Benzaldehyde	6.699	77	287085m	23.448	ng/ul	
8) Phenol	6.769	94	465192	20.865	ng/ul#	84
10) Bis(2-Chloroethyl)ether	6.969	93	380415	21.615	ng/ul	99
12) 2-Chlorophenol	7.110	128	325486	19.643	ng/ul	98
13) 2-Methylphenol	7.987	108	337839	20.432	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	486797	22.745	ng/ul	98
16) Acetophenone	8.340	105	565653	19.444	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.322	70	312467	19.712	ng/ul	93
18) 4-Methylphenol	8.310	108	366197	20.519	ng/ul	92
19) Hexachloroethane	8.569	117	152952	18.958	ng/ul	90
22) Nitrobenzene	8.710	77	470118	19.683	ng/ul	98
23) Isophorone	9.228	82	857139	20.261	ng/ul	98
25) 2-Nitrophenol	9.416	139	198899	20.582	ng/ul#	84
26) 2,4-Dimethylphenol	9.481	107	399962	18.691	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.699	93	515419	21.564	ng/ul	99
29) 2,4-Dichlorophenol	9.946	162	359856	19.016	ng/ul	100
30) Naphthalene	10.316	128	1050776	19.094	ng/ul	99
32) 4-Chloroaniline	10.451	127	422761	20.383	ng/ul	98
33) Hexachlorobutadiene	10.593	225	277899	16.555	ng/ul	97
34) Caprolactam	11.240	113	112381m	20.353	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	380278	18.507	ng/ul	91
36) 2-Methylnaphthalene	11.934	142	767760	18.814	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	781999	18.805	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	498036	17.758	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	209341	15.535	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	322790	19.448	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	342275	19.301	ng/ul	100
43) 1,1'-Biphenyl	12.957	154	1047870	19.242	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	854780	19.406	ng/ul	98
45) 2-Nitroaniline	13.240	65	260601	20.420	ng/ul	88
47) Dimethylphthalate	13.604	163	1056528	17.977	ng/ul	99
48) 2,6-Dinitrotoluene	13.734	165	215768	19.160	ng/ul	90
50) Acenaphthylene	13.857	152	1263565	19.716	ng/ul	100
51) 3-Nitroaniline	14.075	138	203661	21.578	ng/ul	95
52) Acenaphthene	14.204	153	902023	19.256	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	140913	19.404	ng/ul	93
55) 4-Nitrophenol	14.434	109	157087	15.948	ng/ul#	73
56) Dibenzofuran	14.551	168	1313513	18.464	ng/ul	96
57) 2,4-Dinitrotoluene	14.545	165	329737	18.171	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	294987	16.756	ng/ul	98
59) Diethylphthalate	14.986	149	1057663	18.044	ng/ul	98
61) Fluorene	15.204	166	1043612	18.017	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	564819	16.812	ng/ul	98
63) 4-Nitroaniline	15.269	138	192853	23.231	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.339	198	184305	17.569	ng/ul	98
67) N-Nitrosodiphenylamine	15.428	169	898177	21.495	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	361639	18.722	ng/ul	98
69) Hexachlorobenzene	16.233	284	395033	16.693	ng/ul	98
70) Atrazine	16.416	200	371779	20.448	ng/ul	98
71) Pentachlorophenol	16.604	266	239817	17.362	ng/ul	95
72) Phenanthrene	16.992	178	1725124	20.393	ng/ul	99
74) Anthracene	17.092	178	1730873	20.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	495724	21.018	ng/uL	99
76) Pentachlorobenzene	14.463	250	484855	18.650	ng/uL	98
77) Carbazole	17.380	167	1516799	22.011	ng/ul	99
78) Di-n-butylphthalate	17.945	149	1822516	21.524	ng/ul	99
80) Fluoranthene	19.086	202	2046410	21.873	ng/ul#	93
82) Pyrene	19.463	202	2168074	21.838	ng/ul#	91
83) Butylbenzylphthalate	20.422	149	825379	24.004	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.292	252	619643	17.279	ng/ul#	99
85) Benzo(a)anthracene	21.369	228	2075735	19.807	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1182709	23.952	ng/ul	100
87) Chrysene	21.427	228	1908097	19.000	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	1940261	24.243	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1937787	18.821	ng/ul#	98
91) Benzo(k)fluoranthene	23.615	252	1958058	19.114	ng/ul#	98
93) Benzo(a)pyrene	24.404	252	1757705	18.829	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	2203085	18.364	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.180	278	1756963	18.301	ng/ul#	96
96) Benzo(g,h,i)perylene	29.239	276	1744509m	18.993	ng/ul	

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

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