Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022944.D
Acq On : 08 Nov 2024 22:18
Operator : RC/JU
Sample : SSTD08053
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080632

Manual Integrations APPROVED

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

Quant Time: Nov 08 23:30:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 21:50:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	66769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	270960	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.204	164	221632	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.022	188	573990	20.000	ng/ul	-0.01
79) Chrysene-d12	21.457	240	634223	20.000	ng/ul	0.00
88) Perylene-d12	24.680	264	742140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	45235	26.327	ng/uL	0.00
4) Pyridine-d5	3.546	84	344309	72.995	ng/ul	-0.01
7) Phenol-d5	6.787	99	418385	74.440	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	237427	71.874	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	314849	78.947	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	343152	76.505	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	160950	77.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	197079	81.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	403670	78.741	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.487	131	465313	76.814	ng/ul	-0.01
46) Dimethylphthalate-d6	13.616	166	1293926	73.480	ng/ul	0.00
49) Acenaphthylene-d8	13.893	160	1415177	75.666	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.463	143	213745	72.354	ng/ul	0.00
60) Fluorene-d10	15.228	176	1144129	74.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	289246	76.621	ng/ul	0.00
73) Anthracene-d10	17.116	188	1966992	72.846	ng/ul	0.00
81) Pyrene-d10	19.516	212	2486998	74.153	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.474	264	3015432	76.082	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	48834	26.433	ng/uL	93
5) Pyridine	3.564	79	347522	71.855	ng/ul	98
6) Benzaldehyde	6.752	77	189671	62.448	ng/ul	97
8) Phenol	6.817	94	435703	74.511	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	322419	73.673	ng/ul	97
12) 2-Chlorophenol	7.169	128	323149	78.359	ng/ul	99
13) 2-Methylphenol	8.034	108	323632	76.262	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	354396	69.679	ng/ul	96
16) Acetophenone	8.405	105	560319	75.668	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.393	70	282368	75.264	ng/ul	99
18) 4-Methylphenol	8.363	108	355262	75.462	ng/ul	98
19) Hexachloroethane	8.640	117	148872	77.512	ng/ul	96
22) Nitrobenzene	8.775	77	446547	71.805	ng/ul	98
23) Isophorone	9.299	82	801200	71.855	ng/ul	99
25) 2-Nitrophenol	9.481	139	203890	78.433	ng/ul	93
26) 2,4-Dimethylphenol	9.540	107	420908	74.494	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.769	93	436663	68.971	ng/ul	99
29) 2,4-Dichlorophenol	10.005	162	391261	77.501	ng/ul	98
30) Naphthalene	10.387	128	1049576	72.725	ng/ul	99
32) 4-Chloroaniline	10.510	127	452375	75.654	ng/ul	97
33) Hexachlorobutadiene	10.663	225	328501	77.204	ng/ul	100
34) Caprolactam	11.310	113	115957m	71.245	ng/ul	
35) 4-Chloro-3-methylphenol	11.652	107	422899	76.777	ng/ul	97
36) 2-Methylnaphthalene	12.004	142	809492	76.411	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	815966	75.462	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	604935	73.817	ng/ul	96
40) Hexachlorocyclopentadiene	12.357	237	347624	69.623	ng/ul	97
41) 2,4,6-Trichlorophenol	12.634	196	395458	76.716	ng/ul	97
42) 2,4,5-Trichlorophenol	12.716	196	433792	79.033	ng/ul	96
43) 1,1'-Biphenyl	13.034	154	1147100	71.806	ng/ul	98
44) 2-Chloronaphthalene	13.081	162	950330	72.669	ng/ul	98
45) 2-Nitroaniline	13.293	65	291860	74.743	ng/ul	92
47) Dimethylphthalate	13.681	163	1259619	71.787	ng/ul	99
48) 2,6-Dinitrotoluene	13.804	165	269152	81.096	ng/ul	98
50) Acenaphthylene	13.922	152	1391595	71.692	ng/ul	99
51) 3-Nitroaniline	14.146	138	210712	67.596	ng/ul	92
52) Acenaphthene	14.269	153	1000502	72.891	ng/ul	98
53) 2,4-Dinitrophenol	14.357	184	200983	82.306	ng/ul	98
55) 4-Nitrophenol	14.475	109	255810	78.021	ng/ul	99
56) Dibenzofuran	14.616	168	1505778	73.032	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	417904	81.031	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.863	232	410637	80.153	ng/ul	98
59) Diethylphthalate	15.057	149	1256779	74.657	ng/ul	99
61) Fluorene	15.275	166	1267454	75.446	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.269	204	737753	76.794	ng/ul	97
63) 4-Nitroaniline	15.316	138	188262	60.019	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.387	198	309053	76.005	ng/ul#	94
67) N-Nitrosodiphenylamine	15.504	169	1065405	69.313	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	519392	75.036	ng/ul	96
69) Hexachlorobenzene	16.310	284	646352	75.862	ng/ul	96
70) Atrazine	16.481	200	514378	80.506	ng/ul	99
71) Pentachlorophenol	16.669	266	420144	76.692	ng/ul	98
72) Phenanthrene	17.057	178	2149575	69.998	ng/ul	100
74) Anthracene	17.151	178	2170791	70.835	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.999	216	613467	70.193	ng/uL	98
76) Pentachlorobenzene	14.546	250	693132	71.742	ng/uL	97
77) Carbazole	17.439	167	1885652	69.539	ng/ul	100
78) Di-n-butylphthalate	18.028	149	2177918	72.588	ng/ul	99
80) Fluoranthene	19.169	202	2870008	74.436	ng/ul	100
82) Pyrene	19.545	202	2994375	72.459	ng/ul	99
83) Butylbenzylphthalate	20.486	149	1085655	75.456	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	1141249	75.487	ng/ul	100
85) Benzo(a)anthracene	21.439	228	3156500	70.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	1542613	74.695	ng/ul	99
87) Chrysene	21.504	228	2912927	70.658	ng/ul	99
89) Di-n-octyl phthalate	22.592	149	2526099	71.559	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	3476847	74.427	ng/ul	100
91) Benzo(k)fluoranthene	23.745	252	3364566	73.564	ng/ul	99
93) Benzo(a)pyrene	24.545	252	3136980	72.963	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.357	276	4189233m	73.016	ng/ul	
95) Dibenzo(a,h)anthracene	28.433	278	3412638	73.454	ng/ul	99
96) Benzo(g,h,i)perylene	29.498	276	3228735	72.350	ng/ul	99

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

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