Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022349.D
Acq On : 14 Oct 2024 10:29
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 11:03:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020799

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	121920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	467831	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	365132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	912365	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	989095	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	1153067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	21344	6.803	ng/uL	0.00
4) Pyridine-d5	3.634	84	153080	17.773	ng/ul	0.00
7) Phenol-d5	6.881	99	193254	18.830	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	114332	18.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	147613	20.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	158174	19.312	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	71780	19.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	86078	20.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	177490	20.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	198869	19.014	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	538158	18.550	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	604795	19.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	93021	19.113	ng/ul	0.00
60) Fluorene-d10	15.322	176	486812	19.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	108405	18.066	ng/ul	0.00
73) Anthracene-d10	17.204	188	847037	19.735	ng/ul	0.00
81) Pyrene-d10	19.598	212	1058042	20.228	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	1168862	18.981	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	23393	6.935	ng/uL	94
5) Pyridine	3.652	79	158941	17.997	ng/ul	98
6) Benzaldehyde	6.852	77	119633	21.571	ng/ul	96
8) Phenol	6.910	94	199275	18.663	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.122	93	154904	19.384	ng/ul	100
12) 2-Chlorophenol	7.269	128	149219	19.816	ng/ul	95
13) 2-Methylphenol	8.134	108	148886	19.214	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	170243	18.331	ng/ul	99
16) Acetophenone	8.504	105	249482	18.451	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.487	70	127916	18.672	ng/ul	95
18) 4-Methylphenol	8.457	108	160566	18.678	ng/ul	98
19) Hexachloroethane	8.757	117	69004	19.676	ng/ul	98
22) Nitrobenzene	8.875	77	202344	18.845	ng/ul	99
23) Isophorone	9.399	82	363766	18.895	ng/ul	100
25) 2-Nitrophenol	9.575	139	88062	19.620	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	184615	18.924	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.869	93	207870	19.016	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	173308	19.883	ng/ul	99
30) Naphthalene	10.504	128	487402	19.560	ng/ul	99
32) 4-Chloroaniline	10.610	127	194909	18.879	ng/ul	99
33) Hexachlorobutadiene	10.787	225	140783	19.163	ng/ul	98
34) Caprolactam	11.393	113	53351m	18.985	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	182911	19.233	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	355031	19.410	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	368032	19.713	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	263822	19.541	ng/ul	94
40) Hexachlorocyclopentadiene	12.463	237	132032	16.051	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	166046	19.552	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	180625	19.975	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	503237	19.121	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	426754	19.808	ng/ul	98
45) 2-Nitroaniline	13.381	65	121750	18.925	ng/ul	98
47) Dimethylphthalate	13.757	163	540260	18.689	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	112193	20.519	ng/ul	98
50) Acenaphthylene	14.022	152	654907	20.480	ng/ul	99
51) 3-Nitroaniline	14.222	138	103393	20.133	ng/ul	100
52) Acenaphthene	14.375	153	435320	19.251	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	80985	20.131	ng/ul	99
55) 4-Nitrophenol	14.557	109	106187	19.658	ng/ul	96
56) Dibenzofuran	14.716	168	649301	19.115	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	172323	20.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	170297	20.177	ng/ul	97
59) Diethylphthalate	15.151	149	523153	18.863	ng/ul	98
61) Fluorene	15.375	166	547497	19.782	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	309805	19.574	ng/ul	99
63) 4-Nitroaniline	15.392	138	110268	21.338	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	116536	18.030	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	461442	18.886	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	212889	19.349	ng/ul	97
69) Hexachlorobenzene	16.410	284	268197	19.804	ng/ul	97
70) Atrazine	16.581	200	182420	17.962	ng/ul	97
71) Pentachlorophenol	16.757	266	172698	19.832	ng/ul	97
72) Phenanthrene	17.151	178	941494	19.288	ng/ul	99
74) Anthracene	17.245	178	972118	19.956	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	254511	18.321	ng/uL	98
76) Pentachlorobenzene	14.639	250	289624	18.859	ng/uL	97
77) Carbazole	17.528	167	843076	19.560	ng/ul	99
78) Di-n-butylphthalate	18.116	149	903429	18.943	ng/ul	100
80) Fluoranthene	19.251	202	1250364	20.794	ng/ul	99
82) Pyrene	19.627	202	1295900	20.108	ng/ul	100
83) Butylbenzylphthalate	20.574	149	446684	19.907	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	462221	19.604	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1345317	19.402	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	628355	19.509	ng/ul	99
87) Chrysene	21.604	228	1237338	19.245	ng/ul	100
89) Di-n-octyl phthalate	22.721	149	1102340	20.098	ng/ul	100
90) Benzo(b)fluoranthene	23.815	252	1402001	19.316	ng/ul	98
91) Benzo(k)fluoranthene	23.880	252	1404846	19.769	ng/ul	99
93) Benzo(a)pyrene	24.704	252	1311833	19.638	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	1656181m	18.579	ng/ul	
95) Dibenzo(a,h)anthracene	28.668	278	1371003m	18.993	ng/ul	
96) Benzo(g,h,i)perylene	29.756	276	1323546	19.089	ng/ul	99

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

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