Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050124\
Data File : BP020133.D
Acq On : 01 May 2024 14:07
Operator : MA/JU
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010631

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 16:47:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 01 16:39:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	98379	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	412305	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	288662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	606809	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	476593	20.000	ng/ul	-0.01
88) Perylene-d12	24.998	264	497784	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	9549	4.151	ng/uL	0.00
4) Pyridine-d5	3.628	84	64564	9.565	ng/ul	0.00
7) Phenol-d5	6.816	99	78306	9.498	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	50035	9.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	57684	9.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	62481	9.659	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	29573	9.469	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	33784	9.719	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	63055	9.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	88092	10.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	206908	9.963	ng/ul	-0.01
49) Acenaphthylene-d8	13.987	160	226922	9.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	23806	7.094	ng/ul	0.00
60) Fluorene-d10	15.322	176	174676	9.870	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	31905	8.265	ng/ul	0.00
73) Anthracene-d10	17.233	188	259202	9.714	ng/ul	-0.01
81) Pyrene-d10	19.633	212	289573	11.094	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.762	264	234440	9.687	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	11647	4.542	ng/uL	94
5) Pyridine	3.646	79	65103	9.422	ng/ul	96
6) Benzaldehyde	6.805	77	50150	11.294	ng/ul	93
8) Phenol	6.846	94	81544	9.523	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.075	93	66378	9.820	ng/ul	96
12) 2-Chlorophenol	7.199	128	61160	9.978	ng/ul	97
13) 2-Methylphenol	8.075	108	59042	9.402	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.152	45	84904	9.414	ng/ul	99
16) Acetophenone	8.457	105	110172	10.250	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	60598	10.372	ng/ul	97
18) 4-Methylphenol	8.404	108	66664	9.954	ng/ul	100
19) Hexachloroethane	8.681	117	29671	10.178	ng/ul	97
22) Nitrobenzene	8.834	77	86604	9.467	ng/ul	96
23) Isophorone	9.351	82	169377	10.124	ng/ul	97
25) 2-Nitrophenol	9.534	139	35130	9.620	ng/ul	93
26) 2,4-Dimethylphenol	9.593	107	76940	9.920	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	95418	10.020	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	61512	9.577	ng/ul	96
30) Naphthalene	10.451	128	209736	9.918	ng/ul	98
32) 4-Chloroaniline	10.593	127	86092	10.036	ng/ul	99
33) Hexachlorobutadiene	10.716	225	48455	9.276	ng/ul	98
34) Caprolactam	11.404	113	21313m	9.699	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	77298	10.174	ng/ul	98
36) 2-Methylnaphthalene	12.081	142	148759	10.380	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	148193	10.224	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	86922	9.230	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	35179	7.016	ng/ul	93
41) 2,4,6-Trichlorophenol	12.710	196	52529	9.015	ng/ul	96
42) 2,4,5-Trichlorophenol	12.792	196	58940m	9.511	ng/ul	
43) 1,1'-Biphenyl	13.116	154	200031	9.896	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	158195	9.736	ng/ul	99
45) 2-Nitroaniline	13.392	65	51113	9.148	ng/ul	98
47) Dimethylphthalate	13.763	163	215348	10.205	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	40350	9.503	ng/ul	91
50) Acenaphthylene	14.016	152	259805	9.976	ng/ul	99
51) 3-Nitroaniline	14.245	138	36598	9.297	ng/ul	99
52) Acenaphthene	14.363	153	173417	10.068	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	18529	7.005	ng/ul	97
55) 4-Nitrophenol	14.575	109	22401	6.320	ng/ul	90
56) Dibenzofuran	14.716	168	237723	9.865	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	58788	9.452	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.951	232	52924	9.252	ng/ul#	98
59) Diethylphthalate	15.157	149	209294	9.839	ng/ul	98
61) Fluorene	15.381	166	200307	9.955	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.375	204	105822	9.677	ng/ul	98
63) 4-Nitroaniline	15.439	138	31361	8.963	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.492	198	34491	8.572	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	169107	10.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	64191	9.753	ng/ul#	90
69) Hexachlorobenzene	16.404	284	74670	11.258	ng/ul	97
70) Atrazine	16.604	200	60421	9.793	ng/ul	98
71) Pentachlorophenol	16.781	266	38089	8.080	ng/ul	98
72) Phenanthrene	17.175	178	308492	10.020	ng/ul	99
74) Anthracene	17.275	178	310143	9.772	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	87205	9.796	ng/uL	95
76) Pentachlorobenzene	14.622	250	87367	9.933	ng/uL	95
77) Carbazole	17.569	167	264744	9.472	ng/ul	100
78) Di-n-butylphthalate	18.163	149	310709	9.008	ng/ul	99
80) Fluoranthene	19.286	202	343169	11.322	ng/ul	99
82) Pyrene	19.669	202	352748	11.099	ng/ul	96
83) Butylbenzylphthalate	20.645	149	121776	9.742	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	94636	8.944	ng/ul	99
85) Benzo(a)anthracene	21.610	228	316924	9.725	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	166718	9.137	ng/ul	97
87) Chrysene	21.680	228	292379	9.642	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	276619	9.321	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	291110	9.853	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	297268m	10.020	ng/ul	
93) Benzo(a)pyrene	24.833	252	275623	9.749	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	345959m	10.191	ng/ul	
95) Dibenzo(a,h)anthracene	28.921	278	284473m	10.177	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	276845m	10.160	ng/ul	

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

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