Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020195.D
Acq On : 16 Jun 2022 03:58
Operator : CG/JU
Sample : PB145547BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS547

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 16 06:02:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	131029	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	650087	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	432101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	913843	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	836474	20.000	ng/ul	-0.01
88) Perylene-d12	23.668	264	740800	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17534	5.796	ng/uL	0.00
4) Pyridine-d5	3.669	84	230514	27.878	ng/ul	0.00
7) Phenol-d5	6.987	99	365789	33.737	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	211380	31.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	295175	33.506	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	320448	34.161	ng/ul	0.02
21) Nitrobenzene-d5	8.946	128	151980	30.730	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	172421	32.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	307596	33.570	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	443610	29.896	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	972249	30.924	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1150243	31.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	193279	30.678	ng/ul	0.04
60) Fluorene-d10	15.416	176	827376	31.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	181273	34.244	ng/ul	0.00
73) Anthracene-d10	17.263	188	1253977	31.442	ng/ul	0.00
81) Pyrene-d10	19.563	212	1431333	31.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1186646	32.739	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	33955	10.632	ng/uL#	91
5) Pyridine	3.687	79	253014	29.188	ng/ul	92
6) Benzaldehyde	6.934	77	202067	39.553	ng/ul	91
8) Phenol	7.016	94	396376	34.332	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.222	93	288520	31.929	ng/ul	99
12) 2-Chlorophenol	7.369	128	308703	33.524	ng/ul	98
13) 2-Methylphenol	8.257	108	306529	34.536	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	443174	31.276	ng/ul	98
16) Acetophenone	8.616	105	473022	33.159	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	241161	33.093	ng/ul	93
18) 4-Methylphenol	8.587	108	340628	34.772	ng/ul	99
19) Hexachloroethane	8.869	117	116184	31.357	ng/ul	88
22) Nitrobenzene	8.993	77	352068	30.702	ng/ul	96
23) Isophorone	9.516	82	695282	30.708	ng/ul	100
25) 2-Nitrophenol	9.704	139	191193	32.965	ng/ul	94
26) 2,4-Dimethylphenol	9.781	107	335976	27.961	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.999	93	425604	30.717	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	323306	34.110	ng/ul	98
30) Naphthalene	10.634	128	1024708	30.414	ng/ul	99
32) 4-Chloroaniline	10.746	127	443357	29.872	ng/ul	100
33) Hexachlorobutadiene	10.928	225	162012	29.772	ng/ul	99
34) Caprolactam	11.510	113	118382m	31.984	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	397408	35.509	ng/ul	97
36) 2-Methylnaphthalene	12.245	142	721933	31.695	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	738075	31.753	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	338379	30.705	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	150671	22.475	ng/ul	97
41) 2,4,6-Trichlorophenol	12.869	196	253642	33.379	ng/ul	94
42) 2,4,5-Trichlorophenol	12.957	196	276854	32.896	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	985925	30.814	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	765783	31.549	ng/ul	96
45) 2-Nitroaniline	13.504	65	258556	34.239	ng/ul	95
47) Dimethylphthalate	13.887	163	991054	31.312	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	212387	34.321	ng/ul	95
50) Acenaphthylene	14.145	152	1258536	31.176	ng/ul	99
51) 3-Nitroaniline	14.334	138	229512	35.082	ng/ul	96
52) Acenaphthene	14.487	153	822577	31.196	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	134435	33.931	ng/ul	98
55) 4-Nitrophenol	14.675	109	163129	30.334	ng/ul	99
56) Dibenzofuran	14.822	168	1160142	31.230	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	318001	34.706	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.057	232	214758	32.507	ng/ul	90
59) Diethylphthalate	15.251	149	1048176	32.166	ng/ul	97
61) Fluorene	15.475	166	929593	32.158	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.469	204	418739	31.455	ng/ul	92
63) 4-Nitroaniline	15.492	138	230223	37.660	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	184124	34.307	ng/ul	97
67) N-Nitrosodiphenylamine	15.681	169	833626	31.820	ng/ul	97
68) 4-Bromophenyl-phenylether	16.357	248	258712	32.509	ng/ul#	90
69) Hexachlorobenzene	16.481	284	290164	31.719	ng/ul#	90
70) Atrazine	16.633	200	241727	26.444	ng/ul	96
71) Pentachlorophenol	16.828	266	171415	30.085	ng/ul	97
72) Phenanthrene	17.210	178	1525170	31.625	ng/ul	99
74) Anthracene	17.298	178	1524802	31.444	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	362547	29.627	ng/uL	94
76) Pentachlorobenzene	14.751	250	334609	30.938	ng/uL	92
77) Carbazole	17.569	167	1497585	33.946	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1818290	33.238	ng/ul	99
80) Fluoranthene	19.227	202	1757861	32.097	ng/ul	97
82) Pyrene	19.586	202	1811046	32.232	ng/ul	94
83) Butylbenzylphthalate	20.492	149	870731	34.434	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.274	252	520457	32.577	ng/ul#	98
85) Benzo(a)anthracene	21.339	228	1638101	31.013	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.274	149	1231921	34.528	ng/ul	98
87) Chrysene	21.392	228	1647159	31.875	ng/ul	97
89) Di-n-octyl phthalate	22.174	149	2243676	37.212	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1624821	34.947	ng/ul#	93
91) Benzo(k)fluoranthene	23.015	252	1461485	33.021	ng/ul	98
93) Benzo(a)pyrene	23.568	252	1485730	33.013	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.039	276	1442326	31.149	ng/ul	93
95) Dibenzo(a,h)anthracene	26.057	278	1256859	31.779	ng/ul	96
96) Benzo(g,h,i)perylene	26.774	276	1260766	32.243	ng/ul	97

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

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