Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
Data File : BN033367.D
Acq On : 13 Aug 2024 17:31
Operator : MA/JU
Sample : SSTD01075
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010211

Quant Time: Aug 14 01:43:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 01:18:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	189994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	861647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	600779	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	1309009	20.000	ng/ul	0.00
79) Chrysene-d12	21.192	240	1348514	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1627671	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	19471	4.240	ng/uL	0.00
4) Pyridine-d5	3.540	84	143526	11.102	ng/ul	0.00
7) Phenol-d5	6.745	99	169456	10.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	119173	12.509	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	132004	10.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.269	113	139167	10.482	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	65399	9.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	51999	7.641	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	130079	10.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	226610	12.013	ng/ul	0.00
46) Dimethylphthalate-d6	13.627	166	494495	11.815	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	548296	11.393	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	80674	9.627	ng/ul	0.00
60) Fluorene-d10	15.210	176	423470	11.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	43369	6.591	ng/ul	0.00
73) Anthracene-d10	17.057	188	673309	12.014	ng/ul	0.00
81) Pyrene-d10	19.357	212	803110	11.129	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	860662	11.074	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	20492	4.170	ng/uL	91
5) Pyridine	3.557	79	151559	11.725	ng/ul	99
6) Benzaldehyde	6.722	77	107376	14.055	ng/ul	99
8) Phenol	6.775	94	182937	11.036	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.004	93	153532	11.201	ng/ul	98
12) 2-Chlorophenol	7.140	128	140819	10.828	ng/ul	99
13) 2-Methylphenol	8.010	108	135457	10.580	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.092	45	257578	16.325	ng/ul	99
16) Acetophenone	8.381	105	250287	12.439	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.369	70	127297	12.209	ng/ul	97
18) 4-Methylphenol	8.334	108	154891	11.161	ng/ul	99
19) Hexachloroethane	8.640	117	59468	10.798	ng/ul	96
22) Nitrobenzene	8.751	77	171820	10.946	ng/ul	98
23) Isophorone	9.275	82	352266	10.940	ng/ul	98
25) 2-Nitrophenol	9.457	139	63838	8.586	ng/ul	99
26) 2,4-Dimethylphenol	9.528	107	165146	11.418	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.769	93	220627	10.994	ng/ul	96
29) 2,4-Dichlorophenol	9.986	162	135225	10.779	ng/ul	98
30) Naphthalene	10.386	128	519304	11.645	ng/ul	99
32) 4-Chloroaniline	10.492	127	223143	12.184	ng/ul	99
33) Hexachlorobutadiene	10.686	225	88144	11.699	ng/ul	97
34) Caprolactam	11.239	113	51273	10.471	ng/ul	91
35) 4-Chloro-3-methylphenol	11.622	107	156140	10.648	ng/ul	98
36) 2-Methylnaphthalene	12.010	142	362860	11.904	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	372112	12.167	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.381	216	183153	11.527	ng/ul	91
40) Hexachlorocyclopentadiene	12.369	237	87188	9.521	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.628	196	104686	9.707	ng/ul	99
42) 2,4,5-Trichlorophenol	12.692	196	117524	10.028	ng/ul	99
43) 1,1'-Biphenyl	13.039	154	492626	11.658	ng/ul	98
44) 2-Chloronaphthalene	13.075	162	377591	11.408	ng/ul	98
45) 2-Nitroaniline	13.275	65	97571	10.170	ng/ul	100
47) Dimethylphthalate	13.680	163	495078	11.566	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	80872	9.505	ng/ul	99
50) Acenaphthylene	13.927	152	605655	11.136	ng/ul	98
51) 3-Nitroaniline	14.110	138	88929	9.776	ng/ul#	96
52) Acenaphthene	14.275	153	431306	11.985	ng/ul	100
53) 2,4-Dinitrophenol	14.316	184	27298	6.355	ng/ul	92
55) 4-Nitrophenol	14.422	109	70977	11.418	ng/ul	96
56) Dibenzofuran	14.610	168	599601	12.263	ng/ul	99
57) 2,4-Dinitrotoluene	14.575	165	123066	9.858	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.839	232	94459	9.636	ng/ul	99
59) Diethylphthalate	15.057	149	513065	11.616	ng/ul	99
61) Fluorene	15.263	166	499262	12.680	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	237643	12.462	ng/ul	98
63) 4-Nitroaniline	15.274	138	99393	11.477	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.339	198	51684	7.389	ng/ul	98
67) N-Nitrosodiphenylamine	15.480	169	424840	11.774	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	144520	11.395	ng/ul	97
69) Hexachlorobenzene	16.269	284	165319	11.501	ng/ul	94
70) Atrazine	16.445	200	150487	13.209	ng/ul	97
71) Pentachlorophenol	16.610	266	82088	8.926	ng/ul	94
72) Phenanthrene	16.998	178	805504	12.080	ng/ul	97
74) Anthracene	17.092	178	822441	12.172	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.998	216	184820	10.969	ng/uL	91
76) Pentachlorobenzene	14.533	250	197411	12.029	ng/uL	98
77) Carbazole	17.363	167	769993	13.365	ng/ul	99
78) Di-n-butylphthalate	17.957	149	908255	11.458	ng/ul	100
80) Fluoranthene	19.027	202	937877	10.875	ng/ul	99
82) Pyrene	19.386	202	1043380	11.792	ng/ul	98
83) Butylbenzylphthalate	20.327	149	370430	8.864	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.109	252	307637	11.896	ng/ul	97
85) Benzo(a)anthracene	21.174	228	1071023	11.866	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	625130	10.261	ng/ul	99
87) Chrysene	21.233	228	1029216	12.207	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	951596	8.733	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	1053155	10.825	ng/ul	97
91) Benzo(k)fluoranthene	23.198	252	1044214	10.938	ng/ul	99
93) Benzo(a)pyrene	23.892	252	968724	10.631	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.180	276	1211260	11.536	ng/ul	97
95) Dibenzo(a,h)anthracene	27.239	278	997809	11.640	ng/ul	99
96) Benzo(g,h,i)perylene	28.156	276	927168	11.108	ng/ul	97

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

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