Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033846.D
Acq On : 10 Sep 2024 18:01
Operator : JU/RC
Sample : SSTD01081
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010218

Quant Time: Sep 11 01:34:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:28:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	180357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	771977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.139	164	509020	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	1080130	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	1090538	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1280875	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	19467	4.404	ng/uL	0.00
4) Pyridine-d5	3.505	84	138178	10.301	ng/ul	0.00
7) Phenol-d5	6.693	99	164607	9.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	108697	10.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	133082	10.671	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	133897	9.788	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	64271	10.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.351	143	64778	12.521	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	127806	11.096	ng/ul	0.00
31) 4-Chloroaniline-d4	10.404	131	193008	10.052	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	411977	10.635	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	464954	10.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.357	143	78424	10.477	ng/ul	0.00
60) Fluorene-d10	15.139	176	353833	10.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	54750	10.762	ng/ul	0.00
73) Anthracene-d10	16.992	188	556474	10.866	ng/ul	0.00
81) Pyrene-d10	19.298	212	654612	10.870	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	718126	10.783	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	20599	4.441	ng/uL	98
5) Pyridine	3.522	79	142478	10.332	ng/ul	98
6) Benzaldehyde	6.657	77	101359	11.792	ng/ul	95
8) Phenol	6.716	94	173856	10.001	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.940	93	138615	10.014	ng/ul	98
12) 2-Chlorophenol	7.069	128	137267	10.551	ng/ul	100
13) 2-Methylphenol	7.946	108	128385	9.762	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.022	45	211140	9.396	ng/ul	98
16) Acetophenone	8.310	105	224981	10.127	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.304	70	113283	9.979	ng/ul	96
18) 4-Methylphenol	8.269	108	144309	9.803	ng/ul	98
19) Hexachloroethane	8.557	117	57660	10.606	ng/ul	97
22) Nitrobenzene	8.681	77	169489	11.472	ng/ul	100
23) Isophorone	9.210	82	309650	10.329	ng/ul	100
25) 2-Nitrophenol	9.387	139	74410	12.325	ng/ul	99
26) 2,4-Dimethylphenol	9.457	107	159754	11.179	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.693	93	190950	10.285	ng/ul	97
29) 2,4-Dichlorophenol	9.916	162	130487	10.954	ng/ul	99
30) Naphthalene	10.310	128	464217	10.785	ng/ul	99
32) 4-Chloroaniline	10.422	127	195012	10.385	ng/ul	97
33) Hexachlorobutadiene	10.598	225	85155	11.436	ng/ul	93
34) Caprolactam	11.198	113	44565	9.368	ng/ul	98
35) 4-Chloro-3-methylphenol	11.563	107	152658	11.140	ng/ul	97
36) 2-Methylnaphthalene	11.928	142	320236	10.571	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	324524	10.599	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.310	216	160964	11.044	ng/ul	99
40) Hexachlorocyclopentadiene	12.292	237	83995	10.400	ng/ul	97
41) 2,4,6-Trichlorophenol	12.557	196	102416	11.453	ng/ul	95
42) 2,4,5-Trichlorophenol	12.628	196	113781	11.298	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	425408	11.081	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	329405	11.069	ng/ul	97
45) 2-Nitroaniline	13.216	65	102856	12.030	ng/ul	97
47) Dimethylphthalate	13.610	163	426223	10.961	ng/ul	100
48) 2,6-Dinitrotoluene	13.722	165	79143	11.198	ng/ul	96
50) Acenaphthylene	13.857	152	510274	10.774	ng/ul	99
51) 3-Nitroaniline	14.051	138	86726	10.836	ng/ul	99
52) Acenaphthene	14.204	153	366256	10.944	ng/ul	97
53) 2,4-Dinitrophenol	14.257	184	34573	9.903	ng/ul	95
55) 4-Nitrophenol	14.375	109	71041	12.118	ng/ul	95
56) Dibenzofuran	14.545	168	501299	10.728	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	120618	11.356	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.775	232	92607	11.315	ng/ul	93
59) Diethylphthalate	14.992	149	441899	10.893	ng/ul	98
61) Fluorene	15.198	166	411670	10.704	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.204	204	198234	10.743	ng/ul	96
63) 4-Nitroaniline	15.222	138	92494	11.229	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	64832	11.277	ng/ul#	96
67) N-Nitrosodiphenylamine	15.416	169	356638	10.980	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	118720	10.768	ng/ul	95
69) Hexachlorobenzene	16.204	284	139575	11.057	ng/ul	98
70) Atrazine	16.381	200	129453	10.712	ng/ul	99
71) Pentachlorophenol	16.551	266	82220	10.354	ng/ul	94
72) Phenanthrene	16.933	178	651862	10.793	ng/ul	100
74) Anthracene	17.028	178	669465	10.880	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	166587	11.439	ng/uL	96
76) Pentachlorobenzene	14.463	250	168896	11.270	ng/uL	95
77) Carbazole	17.304	167	628428	11.078	ng/ul	99
78) Di-n-butylphthalate	17.886	149	772245	10.900	ng/ul	100
80) Fluoranthene	18.963	202	778234	11.052	ng/ul	99
82) Pyrene	19.327	202	841774	11.030	ng/ul	98
83) Butylbenzylphthalate	20.263	149	361838	11.832	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	260541	10.480	ng/ul	99
85) Benzo(a)anthracene	21.116	228	853894	10.881	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.074	149	547079	11.027	ng/ul	99
87) Chrysene	21.168	228	806370	10.926	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	887704	10.760	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	858129	10.776	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	853719	10.799	ng/ul	99
93) Benzo(a)pyrene	23.786	252	804658	10.663	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.998	276	972973	10.389	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	798972	10.418	ng/ul	98
96) Benzo(g,h,i)perylene	27.956	276	755839	10.502	ng/ul	98

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

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