Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058518.D
Acq On : 28 Jul 2023 14:51
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG072823

Quant Time: Jul 28 22:35:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	51745	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	215971	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	153165	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	377754	20.000	ng	0.00
76) Chrysene-d12	21.449	240	333556	20.000	ng	0.00
86) Perylene-d12	24.516	264	424117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	273586	80.813	ng	0.00
7) Phenol-d6	6.984	99	390901	82.980	ng	0.00
23) Nitrobenzene-d5	8.981	82	361909	82.321	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	213691	85.119	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	803056	78.572	ng	0.00
79) Terphenyl-d14	19.827	244	1402241	79.056	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	64970	39.604	ng	100
3) Pyridine	3.670	79	182655	40.839	ng	97
4) n-Nitrosodimethylamine	3.588	42	75471	39.826	ng	98
6) Aniline	7.142	93	243262	41.942	ng	99
8) 2-Chlorophenol	7.383	128	135913	40.923	ng	96
9) Benzaldehyde	6.954	77	101249	39.560	ng	95
10) Phenol	7.013	94	189762	41.237	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	147268	40.594	ng	96
12) 1,3-Dichlorobenzene	7.700	146	141873	40.004	ng	98
13) 1,4-Dichlorobenzene	7.853	146	144758	40.652	ng	98
14) 1,2-Dichlorobenzene	8.170	146	138646	40.724	ng	98
15) Benzyl Alcohol	8.059	79	130252	43.600	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.347	45	239237	40.597	ng	100
17) 2-Methylphenol	8.259	107	139269	41.392	ng	98
18) Hexachloroethane	8.893	117	52692	40.711	ng	93
19) n-Nitroso-di-n-propyla...	8.623	70	129384	42.521	ng	100
20) 3+4-Methylphenols	8.593	107	193978	42.621	ng	99
22) Acetophenone	8.640	105	237766	41.116	ng	99
24) Nitrobenzene	9.022	77	181903	40.699	ng	94
25) Isophorone	9.539	82	371016	40.845	ng	99
26) 2-Nitrophenol	9.733	139	80419	41.335	ng	96
27) 2,4-Dimethylphenol	9.792	122	134763	41.759	ng	99
28) bis(2-Chloroethoxy)met...	10.027	93	203661	41.199	ng	98
29) 2,4-Dichlorophenol	10.268	162	137620	41.072	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	154658	40.023	ng	99
31) Naphthalene	10.668	128	457459	40.188	ng	100
32) Benzoic acid	9.951	122	99762	41.207	ng	98
33) 4-Chloroaniline	10.779	127	205191	42.665	ng	97
34) Hexachlorobutadiene	10.950	225	99417	39.950	ng	97
35) Caprolactam	11.561	113	53292	43.070	ng	98
36) 4-Chloro-3-methylphenol	11.913	107	174615	42.127	ng	97
37) 2-Methylnaphthalene	12.283	142	329875	40.513	ng	98
38) 1-Methylnaphthalene	12.501	142	314371	40.616	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	186011	39.557	ng	99
41) Hexachlorocyclopentadiene	12.624	237	76190	38.726	ng	96
43) 2,4,6-Trichlorophenol	12.894	196	128998	39.884	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	155986	40.946	ng	96
46) 1,1'-Biphenyl	13.294	154	416925	39.637	ng	98
47) 2-Chloronaphthalene	13.335	162	323358	39.427	ng	99
48) 2-Nitroaniline	13.546	65	131430	41.985	ng	97
49) Acenaphthylene	14.187	152	545029	39.693	ng	99
50) Dimethylphthalate	13.923	163	465059	40.429	ng	99
51) 2,6-Dinitrotoluene	14.046	165	104577	41.433	ng	97
52) Acenaphthene	14.528	154	317685	40.041	ng	98
53) 3-Nitroaniline	14.375	138	109717	43.448	ng	98
54) 2,4-Dinitrophenol	14.586	184	53962	41.862	ng	94
55) Dibenzofuran	14.863	168	543117	39.837	ng	99
56) 4-Nitrophenol	14.692	139	77239	42.888	ng	97
57) 2,4-Dinitrotoluene	14.833	165	149382	42.691	ng	100
58) Fluorene	15.509	166	436173	40.273	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	136458	41.977	ng	97
60) Diethylphthalate	15.280	149	474951	40.529	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	244857	40.552	ng	98
62) 4-Nitroaniline	15.538	138	109247	45.669	ng	99
63) Azobenzene	15.797	77	467366	40.491	ng	99
65) 4,6-Dinitro-2-methylph...	15.597	198	91038	43.707	ng	98
66) n-Nitrosodiphenylamine	15.720	169	389148	39.580	ng	100
67) 4-Bromophenyl-phenylether	16.396	248	169275	39.508	ng	97
68) Hexachlorobenzene	16.514	284	181293	39.931	ng	99
69) Atrazine	16.666	200	134203	40.435	ng	96
70) Pentachlorophenol	16.860	266	119936	43.644	ng	97
71) Phenanthrene	17.248	178	714124	39.862	ng	100
72) Anthracene	17.342	178	733497	39.903	ng	99
73) Carbazole	17.612	167	670087	41.339	ng	99
74) Di-n-butylphthalate	18.165	149	836547	41.202	ng	100
75) Fluoranthene	19.263	202	880393	40.912	ng	99
77) Benzidine	19.451	184	248020	49.035	ng	98
78) Pyrene	19.628	202	896169	39.478	ng	99
80) Butylbenzylphthalate	20.515	149	380963	40.857	ng	97
81) Benzo(a)anthracene	21.431	228	916382	39.921	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	314941	40.578	ng	98
83) Chrysene	21.490	228	878906	39.934	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	552161	40.523	ng	100
85) Di-n-octyl phthalate	22.483	149	966716	40.353	ng	100
87) Indeno(1,2,3-cd)pyrene	28.012	276	1145148	40.586	ng	100
88) Benzo(b)fluoranthene	23.541	252	939594	40.846	ng	99
89) Benzo(k)fluoranthene	23.605	252	924415	40.002	ng	100
90) Benzo(a)pyrene	24.369	252	914794	40.494	ng	100
91) Dibenzo(a,h)anthracene	28.065	278	956720	41.008	ng	99
92) Benzo(g,h,i)perylene	29.111	276	963936	41.204	ng	98

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

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