Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060747.D
Acq On : 2 Apr 2024 21:26
Operator : MA/JU
Sample : P1927-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 00:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	64322	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	260224	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	204595	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	527306	20.000	ng		0.00
76) Chrysene-d12	21.593	240	503860	20.000	ng		-0.01
86) Perylene-d12	24.730	264	534868	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	484117	125.382	ng		0.00
7) Phenol-d6	7.115	99	617690	107.773	ng		0.00
23) Nitrobenzene-d5	9.107	82	450323	98.746	ng		0.00
42) 2,4,6-Tribromophenol	16.070	330	380678	163.910	ng		0.00
45) 2-Fluorobiphenyl	13.208	172	1089831	78.177	ng		-0.01
79) Terphenyl-d14	19.953	244	2290478	80.045	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.467	88	59363	37.500	ng	#	53
3) Pyridine	3.860	79	190299	39.853	ng		93
4) n-Nitrosodimethylamine	3.761	42	129200	45.266	ng		92
6) Aniline	7.280	93	53455	7.386	ng		97
8) 2-Chlorophenol	7.515	128	193146	44.124	ng		96
9) Benzaldehyde	7.092	77	11085m	3.507	ng		
10) Phenol	7.145	94	236826	40.489	ng		97
11) bis(2-Chloroethyl)ether	7.374	93	183136	38.780	ng		98
12) 1,3-Dichlorobenzene	7.844	146	202012	44.378	ng		94
13) 1,4-Dichlorobenzene	7.991	146	207908	44.768	ng		98
14) 1,2-Dichlorobenzene	8.308	146	201791	44.338	ng		97
15) Benzyl Alcohol	8.185	79	177849	38.308	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.479	45	443760	41.638	ng		99
17) 2-Methylphenol	8.390	107	174590	39.539	ng		97
18) Hexachloroethane	9.037	117	75346	45.680	ng		95
19) n-Nitroso-di-n-propyla...	8.761	70	169003	38.667	ng	#	98
20) 3+4-Methylphenols	8.719	107	242259	40.065	ng		94
22) Acetophenone	8.772	105	320739	44.700	ng	#	99
24) Nitrobenzene	9.148	77	235699	46.522	ng		99
25) Isophorone	9.677	82	433481	41.269	ng		99
26) 2-Nitrophenol	9.859	139	97805	53.698	ng		91
27) 2,4-Dimethylphenol	9.924	122	152887	36.234	ng		99
28) bis(2-Chloroethoxy)met...	10.165	93	255816	41.252	ng		99
29) 2,4-Dichlorophenol	10.394	162	197811	51.053	ng		98
30) 1,2,4-Trichlorobenzene	10.611	180	204499	46.610	ng		96
31) Naphthalene	10.799	128	611980	43.475	ng		100
32) Benzoic acid	10.047	122	140908	49.881	ng		96
33) 4-Chloroaniline	10.905	127	15288	2.338	ng		97
34) Hexachlorobutadiene	11.093	225	131409	44.941	ng		95
35) Caprolactam	11.669	113	68852m	44.867	ng		
36) 4-Chloro-3-methylphenol	12.027	107	243750	49.245	ng		98
37) 2-Methylnaphthalene	12.409	142	444236	42.925	ng		98
38) 1-Methylnaphthalene	12.627	142	414779	42.425	ng		96
40) 1,2,4,5-Tetrachloroben...	12.774	216	264737	45.009	ng		99
41) Hexachlorocyclopentadiene	12.762	237	276415	92.422	ng		99
43) 2,4,6-Trichlorophenol	13.014	196	192744	50.891	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	220143	48.706	ng	96
46) 1,1'-Biphenyl	13.420	154	621115	42.980	ng	99
47) 2-Chloronaphthalene	13.461	162	493931	44.986	ng	97
48) 2-Nitroaniline	13.655	65	186911	51.795	ng	98
49) Acenaphthylene	14.307	152	873084	47.325	ng	99
50) Dimethylphthalate	14.049	163	727297	44.974	ng	99
51) 2,6-Dinitrotoluene	14.154	165	146945	50.551	ng	97
52) Acenaphthene	14.648	154	600393m	51.833	ng	
53) 3-Nitroaniline	14.477	138	30568	11.903	ng	94
54) 2,4-Dinitrophenol	14.689	184	187564	166.631	ng	90
55) Dibenzofuran	14.983	168	815829	44.652	ng	97
56) 4-Nitrophenol	14.789	139	281597	119.115	ng	94
57) 2,4-Dinitrotoluene	14.942	165	225085	58.380	ng	97
58) Fluorene	15.635	166	683614	46.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	211802	53.771	ng	99
60) Diethylphthalate	15.417	149	735218	45.190	ng	98
61) 4-Chlorophenyl-phenyle...	15.629	204	346543	44.671	ng	98
62) 4-Nitroaniline	15.641	138	106518	36.027	ng	94
63) Azobenzene	15.923	77	692806	43.699	ng	98
65) 4,6-Dinitro-2-methylph...	15.705	198	130268	58.124	ng	94
66) n-Nitrosodiphenylamine	15.841	169	514502	34.144	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	248476	46.431	ng	96
68) Hexachlorobenzene	16.640	284	283978	47.008	ng	97
69) Atrazine	16.792	200	71655	13.598	ng	98
70) Pentachlorophenol	16.980	266	409199	103.809	ng	98
71) Phenanthrene	17.374	178	1226535	44.725	ng	99
72) Anthracene	17.462	178	1254224	45.033	ng	99
73) Carbazole	17.727	167	844573	34.394	ng	99
74) Di-n-butylphthalate	18.314	149	1391153	45.442	ng	99
75) Fluoranthene	19.383	202	1526166	45.862	ng	99
78) Pyrene	19.748	202	1590181	45.126	ng	100
80) Butylbenzylphthalate	20.653	149	641924	49.937	ng	100
81) Benzo(a)anthracene	21.575	228	1638942	46.146	ng	99
83) Chrysene	21.640	228	1556435	45.466	ng	99
84) Bis(2-ethylhexyl)phtha...	21.522	149	956305	46.675	ng	98
85) Di-n-octyl phthalate	22.721	149	1660919	49.761	ng	99
87) Indeno(1,2,3-cd)pyrene	28.297	276	1931138	51.271	ng	98
88) Benzo(b)fluoranthene	23.743	252	1624514	52.867	ng	98
89) Benzo(k)fluoranthene	23.814	252	1606129	51.067	ng	99
90) Benzo(a)pyrene	24.589	252	1463644	49.014	ng	99
91) Dibenzo(a,h)anthracene	28.379	278	1622677	51.106	ng	97
92) Benzo(g,h,i)perylene	29.401	276	1434988	46.460	ng	99

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

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