Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056004.D
Acq On : 16 Dec 2022 21:55
Operator : CG/JU
Sample : N6038-29MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:25:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.377	152	9220	20.000	ng		0.00
21) Naphthalene-d8	11.209	136	34986	20.000	ng	#	0.00
39) Acenaphthene-d10	14.981	164	32585	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	93862	20.000	ng		0.00
76) Chrysene-d12	22.031	240	92716	20.000	ng	#	0.00
86) Perylene-d12	25.527	264	111824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.891	112	36385	92.548	ng		0.00
7) Phenol-d6	7.501	99	45106	89.205	ng		0.00
23) Nitrobenzene-d5	9.546	82	29638	59.200	ng		0.00
42) 2,4,6-Tribromophenol	16.461	330	73748	93.860	ng		0.00
45) 2-Fluorobiphenyl	13.612	172	115048	49.518	ng		0.00
79) Terphenyl-d14	20.292	244	299392	57.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.712	88	4327	37.819	ng		91
3) Pyridine	4.129	79	11929	31.682	ng		97
4) n-Nitrosodimethylamine	4.041	42	11722	34.632	ng	#	91
6) Aniline	7.683	93	13966	23.069	ng		99
8) 2-Chlorophenol	7.930	128	20720	40.851	ng		97
9) Benzaldehyde	7.495	77	12947	40.771	ng		96
10) Phenol	7.531	94	22520	40.694	ng		97
11) bis(2-Chloroethyl)ether	7.771	93	13261	36.788	ng		95
12) 1,3-Dichlorobenzene	8.259	146	24773	37.757	ng		91
13) 1,4-Dichlorobenzene	8.406	146	25487	38.010	ng		97
14) 1,2-Dichlorobenzene	8.735	146	23904	37.302	ng		99
15) Benzyl Alcohol	8.600	79	19463	37.044	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.888	45	18506m	39.445	ng		
17) 2-Methylphenol	8.800	107	17355	39.859	ng		92
18) Hexachloroethane	9.475	117	8068	39.638	ng		94
19) n-Nitroso-di-n-propyla...	9.176	70	13001	35.871	ng		96
20) 3+4-Methylphenols	9.129	107	23440	37.724	ng		92
22) Acetophenone	9.199	105	31727	36.582	ng	#	100
24) Nitrobenzene	9.587	77	21594	42.852	ng		97
25) Isophorone	10.110	82	37843	36.048	ng		97
26) 2-Nitrophenol	10.304	139	12597	42.227	ng	#	84
27) 2,4-Dimethylphenol	10.345	122	21726m	43.365	ng		
28) bis(2-Chloroethoxy)met...	10.586	93	19120	41.209	ng		98
29) 2,4-Dichlorophenol	10.838	162	28176	39.623	ng		97
30) 1,2,4-Trichlorobenzene	11.062	180	34076	36.864	ng		97
31) Naphthalene	11.262	128	66023	35.765	ng		98
32) Benzoic acid	10.468	122	18913	44.494	ng		95
33) 4-Chloroaniline	11.350	127	8982	11.350	ng		94
34) Hexachlorobutadiene	11.538	225	29184	33.582	ng		94
35) Caprolactam	12.125	113	7357m	37.133	ng		
36) 4-Chloro-3-methylphenol	12.442	107	26324	39.479	ng		94
37) 2-Methylnaphthalene	12.836	142	57268	35.113	ng		98
38) 1-Methylnaphthalene	13.054	142	53384	33.599	ng		97
40) 1,2,4,5-Tetrachloroben...	13.195	216	51942	37.781	ng		99
41) Hexachlorocyclopentadiene	13.171	237	66164	84.831	ng		98
43) 2,4,6-Trichlorophenol	13.418	196	33520	41.188	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	37632	41.020	ng		99
46) 1,1'-Biphenyl	13.817	154	85047	38.506	ng		97
47) 2-Chloronaphthalene	13.870	162	68199	38.001	ng		93
48) 2-Nitroaniline	14.058	65	16689	47.222	ng		90
49) Acenaphthylene	14.705	152	107099	37.387	ng		99
50) Dimethylphthalate	14.423	163	97149	34.485	ng		98
51) 2,6-Dinitrotoluene	14.540	165	20615	47.287	ng		89
52) Acenaphthene	15.045	154	84370	43.872	ng		94
53) 3-Nitroaniline	14.869	138	9998	22.547	ng		90
54) 2,4-Dinitrophenol	15.075	184	29292	90.381	ng	#	76
55) Dibenzofuran	15.374	168	121537	37.582	ng		98
56) 4-Nitrophenol	15.157	139	31844	89.615	ng		96
57) 2,4-Dinitrotoluene	15.321	165	31120	47.291	ng	#	94
58) Fluorene	16.021	166	96381	36.458	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.592	232	44107m	42.085	ng		
60) Diethylphthalate	15.774	149	94146	34.191	ng		99
61) 4-Chlorophenyl-phenyle...	16.003	204	66682	37.027	ng		99
62) 4-Nitroaniline	16.032	138	18463	38.233	ng		95
63) Azobenzene	16.297	77	67651	40.366	ng		98
65) 4,6-Dinitro-2-methylph...	16.085	198	20335	45.352	ng		93
66) n-Nitrosodiphenylamine	16.215	169	90791	36.911	ng		98
67) 4-Bromophenyl-phenylether	16.896	248	50931	37.031	ng		92
68) Hexachlorobenzene	17.019	284	61757	36.454	ng		96
69) Atrazine	17.149	200	44224	39.708	ng		99
70) Pentachlorophenol	17.360	266	78901	81.467	ng		92
71) Phenanthrene	17.760	178	185456	37.703	ng		100
72) Anthracene	17.854	178	178486	36.678	ng		99
73) Carbazole	18.112	167	143357	35.718	ng		99
74) Di-n-butylphthalate	18.647	149	158353	33.927	ng		99
75) Fluoranthene	19.752	202	258744	37.565	ng		99
77) Benzidine	19.910	184	84644	51.985	ng		98
78) Pyrene	20.110	202	254613	45.383	ng		98
80) Butylbenzylphthalate	20.974	149	64144	40.348	ng		97
81) Benzo(a)anthracene	22.008	228	264455	40.534	ng		99
82) 3,3'-Dichlorobenzidine	21.902	252	46802	19.938	ng		94
83) Chrysene	22.078	228	247967	40.553	ng		98
84) Bis(2-ethylhexyl)phtha...	21.878	149	89584	37.929	ng		97
85) Di-n-octyl phthalate	23.195	149	151237	37.748	ng		100
87) Indeno(1,2,3-cd)pyrene	29.569	276	340520	37.868	ng	#	99
88) Benzo(b)fluoranthene	24.411	252	304748	42.109	ng		98
89) Benzo(k)fluoranthene	24.487	252	270281	37.432	ng		98
90) Benzo(a)pyrene	25.363	252	258567	42.268	ng		99
91) Dibenzo(a,h)anthracene	29.634	278	278512	37.005	ng		99
92) Benzo(g,h,i)perylene	30.839	276	275822	37.904	ng		96

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

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