Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
Data File : BG061041.D
Acq On : 25 Apr 2024 17:21
Operator : MA/JU
Sample : P2261-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-RBR200059MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 18:07:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.944	152	25730	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	104986	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	79363	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	181870	20.000	ng		0.00
76) Chrysene-d12	21.586	240	183305	20.000	ng		0.00
86) Perylene-d12	24.706	264	170402	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	179504	141.116	ng		0.00
7) Phenol-d6	7.121	99	210316	111.435	ng		0.01
23) Nitrobenzene-d5	9.101	82	151152	64.686	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	188782	108.324	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	394941	68.874	ng		0.00
79) Terphenyl-d14	19.941	244	703153	59.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	19263	43.756	ng		94
3) Pyridine	3.842	79	50897	37.402	ng		98
4) n-Nitrosodimethylamine	3.760	42	58374	47.695	ng	#	98
6) Aniline	7.268	93	39161	17.264	ng		98
8) 2-Chlorophenol	7.515	128	73163	46.161	ng		99
9) Benzaldehyde	7.086	77	3157	3.252	ng	#	84
10) Phenol	7.144	94	88942	47.433	ng		93
11) bis(2-Chloroethyl)ether	7.368	93	56747	42.299	ng		96
12) 1,3-Dichlorobenzene	7.838	146	82865	47.146	ng		98
13) 1,4-Dichlorobenzene	7.979	146	85835	47.411	ng		99
14) 1,2-Dichlorobenzene	8.296	146	82949	46.882	ng		95
15) Benzyl Alcohol	8.179	79	71767	40.274	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.461	45	119439	40.898	ng		97
17) 2-Methylphenol	8.390	107	61313	40.496	ng		93
18) Hexachloroethane	9.025	117	29498	45.218	ng		93
19) n-Nitroso-di-n-propyla...	8.743	70	53407	37.971	ng		93
20) 3+4-Methylphenols	8.713	107	84279	39.802	ng		95
22) Acetophenone	8.760	105	115086	39.257	ng	#	96
24) Nitrobenzene	9.142	77	87071	38.778	ng		98
25) Isophorone	9.665	82	146459	37.452	ng		97
26) 2-Nitrophenol	9.853	139	42968	40.717	ng		98
27) 2,4-Dimethylphenol	9.918	122	56240	33.249	ng		99
28) bis(2-Chloroethoxy)met...	10.147	93	79731	38.758	ng		97
29) 2,4-Dichlorophenol	10.394	162	83292	42.666	ng		97
30) 1,2,4-Trichlorobenzene	10.605	180	97959	45.478	ng		95
31) Naphthalene	10.793	128	245706	42.748	ng		99
32) Benzoic acid	10.065	122	49923m	38.736	ng		
33) 4-Chloroaniline	10.899	127	38070	14.581	ng		95
34) Hexachlorobutadiene	11.075	225	85548	45.161	ng		97
35) Caprolactam	11.680	113	23241	37.376	ng		92
36) 4-Chloro-3-methylphenol	12.027	107	89677	39.386	ng		96
37) 2-Methylnaphthalene	12.397	142	177203	39.211	ng		98
38) 1-Methylnaphthalene	12.615	142	165122	39.154	ng		95
40) 1,2,4,5-Tetrachloroben...	12.767	216	145437	51.567	ng		99
41) Hexachlorocyclopentadiene	12.744	237	63578	38.311	ng		95
43) 2,4,6-Trichlorophenol	13.008	196	88331	47.644	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	96460	43.984	ng		97
46) 1,1'-Biphenyl	13.408	154	249482	46.669	ng		96
47) 2-Chloronaphthalene	13.449	162	195906	47.796	ng		97
48) 2-Nitroaniline	13.649	65	69711	42.141	ng		93
49) Acenaphthylene	14.295	152	326597	47.312	ng		98
50) Dimethylphthalate	14.031	163	270038	41.263	ng		98
51) 2,6-Dinitrotoluene	14.148	165	55934	40.962	ng		94
52) Acenaphthene	14.636	154	181207	43.201	ng		99
53) 3-Nitroaniline	14.471	138	40481	30.065	ng		94
54) 2,4-Dinitrophenol	14.683	184	25710	32.454	ng		96
55) Dibenzofuran	14.976	168	315928	43.618	ng		99
56) 4-Nitrophenol	14.800	139	85624	88.763	ng		98
57) 2,4-Dinitrotoluene	14.941	165	80595	40.980	ng		90
58) Fluorene	15.623	166	257140	42.061	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	97058	43.850	ng	#	99
60) Diethylphthalate	15.400	149	260271	40.384	ng		99
61) 4-Chlorophenyl-phenyle...	15.617	204	154200	40.897	ng		99
62) 4-Nitroaniline	15.640	138	55409	38.164	ng		95
63) Azobenzene	15.911	77	212269	40.493	ng		98
65) 4,6-Dinitro-2-methylph...	15.705	198	20059	17.862	ng		97
66) n-Nitrosodiphenylamine	15.828	169	230622	46.027	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	112574	46.901	ng		95
68) Hexachlorobenzene	16.633	284	133182	50.234	ng		98
69) Atrazine	16.786	200	96156	51.275	ng		92
70) Pentachlorophenol	16.974	266	161201	92.725	ng		97
71) Phenanthrene	17.362	178	430628	46.388	ng		98
72) Anthracene	17.456	178	433524	45.343	ng		98
73) Carbazole	17.726	167	350826	44.182	ng		97
74) Di-n-butylphthalate	18.290	149	404711	41.981	ng		99
75) Fluoranthene	19.377	202	612442	49.711	ng		98
77) Benzidine	19.553	184	220376	64.884	ng		99
78) Pyrene	19.741	202	643627	51.568	ng		99
80) Butylbenzylphthalate	20.635	149	173382	41.678	ng		98
81) Benzo(a)anthracene	21.563	228	646159	50.139	ng		98
82) 3,3'-Dichlorobenzidine	21.481	252	169885	36.476	ng		99
83) Chrysene	21.627	228	620619	50.581	ng		98
84) Bis(2-ethylhexyl)phtha...	21.486	149	251454	41.575	ng		99
85) Di-n-octyl phthalate	22.673	149	432211	43.043	ng		98
87) Indeno(1,2,3-cd)pyrene	28.267	276	484075m	40.951	ng		
88) Benzo(b)fluoranthene	23.725	252	551257	57.086	ng		99
89) Benzo(k)fluoranthene	23.790	252	621495	63.755	ng		97
90) Benzo(a)pyrene	24.565	252	512439	54.825	ng		99
91) Dibenzo(a,h)anthracene	28.326	278	338658	35.066	ng		99
92) Benzo(g,h,i)perylene	29.365	276	315163m	32.912	ng		

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

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