Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059955.D
Acq On : 5 Dec 2023 18:48
Operator : MA/JU
Sample : 05388-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 22:40:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	88574	20.000	ng	# 0.00
21) Naphthalene-d8	10.768	136	341469	20.000	ng	# 0.00
39) Acenaphthene-d10	14.599	164	332431	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	1161575	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1679522	20.000	ng	0.00
86) Perylene-d12	24.810	264	2020122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	598898	135.855	ng	0.01
7) Phenol-d6	7.119	99	694294	99.925	ng	0.00
23) Nitrobenzene-d5	9.123	82	633049	66.271	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	1154139	107.907	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	2184948	71.687	ng	0.00
79) Terphenyl-d14	19.969	244	5693330	58.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	84529	56.713	ng	# 60
3) Pyridine	3.841	79	210943	47.424	ng	93
4) n-Nitrosodimethylamine	3.752	42	131584	56.272	ng	# 99
6) Aniline	7.284	93	167093	21.790	ng	92
8) 2-Chlorophenol	7.524	128	200860	46.711	ng	96
9) Benzaldehyde	7.096	77	22673m	4.393	ng	
10) Phenol	7.143	94	272193	39.165	ng	99
11) bis(2-Chloroethyl)ether	7.378	93	198577	41.058	ng	99
12) 1,3-Dichlorobenzene	7.848	146	255114	41.223	ng	97
13) 1,4-Dichlorobenzene	7.995	146	265475	41.439	ng	96
14) 1,2-Dichlorobenzene	8.312	146	262656	41.820	ng	96
15) Benzyl Alcohol	8.194	79	321241	46.786	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.488	45	111700m	43.976	ng	
17) 2-Methylphenol	8.394	107	207163	44.235	ng	95
18) Hexachloroethane	9.046	117	96585	38.856	ng	# 77
19) n-Nitroso-di-n-propyla...	8.764	70	214539	41.202	ng	# 94
20) 3+4-Methylphenols	8.723	107	285329	42.936	ng	95
22) Acetophenone	8.782	105	436633	40.015	ng	# 95
24) Nitrobenzene	9.164	77	365315	38.219	ng	97
25) Isophorone	9.687	82	631085	38.426	ng	# 93
26) 2-Nitrophenol	9.875	139	125792	41.384	ng	92
27) 2,4-Dimethylphenol	9.933	122	196805	47.168	ng	88
28) bis(2-Chloroethoxy)met...	10.174	93	298051	38.628	ng	92
29) 2,4-Dichlorophenol	10.403	162	374318	45.057	ng	95
30) 1,2,4-Trichlorobenzene	10.627	180	483996	39.952	ng	92
31) Naphthalene	10.815	128	697845	39.757	ng	97
32) Benzoic acid	10.051	122	135834	34.140	ng	91
33) 4-Chloroaniline	10.915	127	30897	4.514	ng	# 78
34) Hexachlorobutadiene	11.103	225	508470	37.436	ng	93
35) Caprolactam	11.696	113	63598m	36.399	ng	
36) 4-Chloro-3-methylphenol	12.037	107	304012	44.438	ng	93
37) 2-Methylnaphthalene	12.425	142	614308	41.233	ng	97
38) 1-Methylnaphthalene	12.642	142	591683	40.666	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.789	216	1046525	44.098	ng	99
41) Hexachlorocyclopentadiene	12.771	237	858964	71.432	ng	99
43) 2,4,6-Trichlorophenol	13.024	196	545238	44.868	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.100	196	600286	44.922	ng		96
46) 1,1'-Biphenyl	13.435	154	1074053	44.210	ng		98
47) 2-Chloronaphthalene	13.476	162	907593	41.755	ng		98
48) 2-Nitroaniline	13.676	65	193646	47.001	ng		95
49) Acenaphthylene	14.322	152	1346729	46.294	ng		97
50) Dimethylphthalate	14.058	163	1251096	44.210	ng		99
51) 2,6-Dinitrotoluene	14.170	165	255464	41.203	ng		95
52) Acenaphthene	14.663	154	983595m	46.846	ng		
53) 3-Nitroaniline	14.499	138	74594	19.393	ng		89
54) 2,4-Dinitrophenol	14.698	184	369627	68.351	ng		96
55) Dibenzofuran	14.998	168	1555135	43.912	ng		99
56) 4-Nitrophenol	14.798	139	253774	76.023	ng	#	88
57) 2,4-Dinitrotoluene	14.957	165	366853	42.543	ng		96
58) Fluorene	15.644	166	1347593	44.715	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	732327	46.068	ng		98
60) Diethylphthalate	15.421	149	1109545	44.020	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	1187170	43.424	ng		97
62) 4-Nitroaniline	15.662	138	179023	40.435	ng		97
63) Azobenzene	15.932	77	1053294	40.282	ng		97
65) 4,6-Dinitro-2-methylph...	15.715	198	319894	36.021	ng		97
66) n-Nitrosodiphenylamine	15.856	169	1246140	46.834	ng		99
67) 4-Bromophenyl-phenylether	16.537	248	790030	39.698	ng		95
68) Hexachlorobenzene	16.649	284	984521	44.525	ng		98
69) Atrazine	16.808	200	723400	55.101	ng		97
70) Pentachlorophenol	16.990	266	1298443	81.036	ng		98
71) Phenanthrene	17.389	178	2449267	44.655	ng		98
72) Anthracene	17.483	178	2497980	44.556	ng		100
73) Carbazole	17.748	167	1824572	42.820	ng		97
74) Di-n-butylphthalate	18.318	149	1668193	45.263	ng		99
75) Fluoranthene	19.405	202	3612120	40.072	ng		99
77) Benzidine	19.581	184	291003	20.558	ng		97
78) Pyrene	19.769	202	3731418	41.747	ng		95
80) Butylbenzylphthalate	20.662	149	599319	47.268	ng		95
81) Benzo(a)anthracene	21.602	228	4723106	42.148	ng		93
82) 3,3'-Dichlorobenzidine	21.520	252	912865	24.804	ng	#	95
83) Chrysene	21.667	228	4393888	41.822	ng		95
84) Bis(2-ethylhexyl)phtha...	21.526	149	921155	47.479	ng		98
85) Di-n-octyl phthalate	22.736	149	1678457	50.060	ng		99
87) Indeno(1,2,3-cd)pyrene	28.459	276	6570818	44.048	ng	#	100
88) Benzo(b)fluoranthene	23.800	252	5235253	41.928	ng	#	99
89) Benzo(k)fluoranthene	23.876	252	5034567	41.379	ng	#	97
90) Benzo(a)pyrene	24.663	252	4676867	41.940	ng		96
91) Dibenzo(a,h)anthracene	28.535	278	5515228	43.546	ng		97
92) Benzo(g,h,i)perylene	29.610	276	5023680	41.012	ng	#	99

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

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