Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049121.D
Acq On : 28 Jun 2021 16:20
Operator : CG/JU
Sample : M2857-14MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17-COMPMSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:29:21 PM

Quant Time: Jun 29 04:00:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	28678	20.000	ng		0.00
21) Naphthalene-d8	10.925	136	117164	20.000	ng	#	0.00
39) Acenaphthene-d10	14.744	164	90976	20.000	ng		0.00
64) Phenanthrene-d10	17.494	188	220812	20.000	ng	#	0.00
76) Chrysene-d12	21.783	240	216909	20.000	ng	#	0.00
86) Perylene-d12	25.096	264	230724	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	151293	82.124	ng		0.00
7) Phenol-d6	7.259	99	200981	72.788	ng		0.00
23) Nitrobenzene-d5	9.268	82	140599	51.745	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	137701	102.162	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	325233	50.502	ng		0.00
79) Terphenyl-d14	20.096	244	646913	54.620	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	33213	36.929	ng	#	79
3) Pyridine	3.933	79	81088	33.236	ng		93
4) n-Nitrosodimethylamine	3.845	42	61820	52.911	ng	#	75
6) Aniline	7.423	93	154295	44.372	ng	#	94
8) 2-Chlorophenol	7.664	128	109418	53.886	ng		91
9) Benzaldehyde	7.235	77	76578	53.597	ng	#	83
10) Phenol	7.288	94	145726	51.086	ng		93
11) bis(2-Chloroethyl)ether	7.517	93	95651	45.193	ng		84
12) 1,3-Dichlorobenzene	7.993	146	111768	49.274	ng		92
13) 1,4-Dichlorobenzene	8.140	146	112305	49.660	ng		94
14) 1,2-Dichlorobenzene	8.463	146	110623	50.849	ng		93
15) Benzyl Alcohol	8.340	79	121538	48.062	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.633	45	159864	39.920	ng		86
17) 2-Methylphenol	8.545	107	95643	51.127	ng		97
18) Hexachloroethane	9.197	117	46044	50.752	ng		97
19) n-Nitroso-di-n-propyla...	8.910	70	91227	42.268	ng	#	91
20) 3+4-Methylphenols	8.874	107	135324	52.909	ng		98
22) Acetophenone	8.927	105	176655	49.558	ng	#	96
24) Nitrobenzene	9.315	77	139582	45.604	ng		93
25) Isophorone	9.838	82	244884	41.368	ng		97
26) 2-Nitrophenol	10.032	139	67396	64.915	ng		98
27) 2,4-Dimethylphenol	10.085	122	105969	56.295	ng		100
28) bis(2-Chloroethoxy)met...	10.320	93	135297	49.360	ng		92
29) 2,4-Dichlorophenol	10.566	162	119335	56.508	ng		93
30) 1,2,4-Trichlorobenzene	10.784	180	125933	52.012	ng		95
31) Naphthalene	10.978	128	330014	47.280	ng		100
33) 4-Chloroaniline	11.078	127	120317	40.597	ng		95
34) Hexachlorobutadiene	11.260	225	91066	52.772	ng		97
35) Caprolactam	11.859	113	41796	68.466	ng	#	64
36) 4-Chloro-3-methylphenol	12.200	107	138704	53.735	ng		97
37) 2-Methylnaphthalene	12.576	142	259584	49.236	ng		96
38) 1-Methylnaphthalene	12.793	142	240110	48.510	ng		97
40) 1,2,4,5-Tetrachloroben...	12.946	216	150122	51.966	ng		98
41) Hexachlorocyclopentadiene	12.923	237	223540	120.371	ng		95
43) 2,4,6-Trichlorophenol	13.181	196	127616	66.023	ng		94
44) 2,4,5-Trichlorophenol	13.257	196	133639	66.863	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.581	154	330922	49.338	ng		98
47) 2-Chloronaphthalene	13.622	162	263539	49.203	ng		99
48) 2-Nitroaniline	13.821	65	109184	53.934	ng		94
49) Acenaphthylene	14.468	152	437255	48.990	ng		97
50) Dimethylphthalate	14.198	163	398242	56.197	ng		100
51) 2,6-Dinitrotoluene	14.315	165	84342	58.442	ng		90
52) Acenaphthene	14.809	154	261144	45.394	ng		96
53) 3-Nitroaniline	14.644	138	68404	46.816	ng		94
54) 2,4-Dinitrophenol	14.850	184	3434	5.137	ng	#	82
55) Dibenzofuran	15.143	168	426810	47.729	ng		98
56) 4-Nitrophenol	14.961	139	139816	117.375	ng	#	91
57) 2,4-Dinitrotoluene	15.102	165	123806	69.841	ng	#	91
58) Fluorene	15.796	166	363423	49.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.367	232	130977	64.740	ng	#	97
60) Diethylphthalate	15.555	149	408817	53.265	ng		95
61) 4-Chlorophenyl-phenyle...	15.778	204	203565	53.239	ng		98
62) 4-Nitroaniline	15.813	138	89026	60.248	ng	#	82
63) Azobenzene	16.072	77	384529	43.786	ng		89
65) 4,6-Dinitro-2-methylph...	15.866	198	9646m	9.212	ng		
66) n-Nitrosodiphenylamine	15.995	169	328426	47.727	ng		98
67) 4-Bromophenyl-phenylether	16.677	248	146370	53.088	ng		94
68) Hexachlorobenzene	16.800	284	160202	53.610	ng		94
69) Atrazine	16.941	200	146434	66.296	ng		99
70) Pentachlorophenol	17.141	266	112806	62.813	ng		94
71) Phenanthrene	17.535	178	610349	49.124	ng		99
72) Anthracene	17.629	178	629182	50.396	ng		98
73) Carbazole	17.893	167	569289	47.570	ng		98
74) Di-n-butylphthalate	18.445	149	703423	52.406	ng		98
75) Fluoranthene	19.544	202	768425	51.288	ng		98
77) Benzidine	19.720	184	550890	126.073	ng		97
78) Pyrene	19.903	202	765948	48.651	ng		98
80) Butylbenzylphthalate	20.784	149	305265	51.391	ng		96
81) Benzo(a)anthracene	21.759	228	769598	49.415	ng		99
82) 3,3'-Dichlorobenzidine	21.671	252	212931	42.754	ng		99
83) Chrysene	21.830	228	735818	49.276	ng		96
84) Bis(2-ethylhexyl)phtha...	21.659	149	430977	50.901	ng		96
85) Di-n-octyl phthalate	22.905	149	741007	51.602	ng		98
87) Indeno(1,2,3-cd)pyrene	28.910	276	924937	53.268	ng	#	97
88) Benzo(b)fluoranthene	24.045	252	822212	49.990	ng	#	95
89) Benzo(k)fluoranthene	24.115	252	769468	49.308	ng	#	99
90) Benzo(a)pyrene	24.944	252	788784	52.538	ng	#	97
91) Dibenzo(a,h)anthracene	28.974	278	780314	53.770	ng	#	98
92) Benzo(g,h,i)perylene	30.097	276	778523	53.201	ng		99

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

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