Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
Data File : BG046706.D
Acq On : 25 Sep 2020 17:48
Operator : CG/JU
Sample : L3871-28MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-092320MS

Manual Integrations APPROVED
mohammad
9/28/2020 11:10:04 AM

Quant Time: Sep 25 18:28:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 21:47:28 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	66102	20.00	ng		0.00
21) Naphthalene-d8	10.937	136	254204	20.00	ng		0.00
39) Acenaphthene-d10	14.744	164	182459	20.00	ng		0.00
64) Phenanthrene-d10	17.488	188	453852	20.00	ng		0.00
76) Chrysene-d12	21.771	240	482118	20.00	ng	#	0.00
86) Perylene-d12	25.050	264	497270	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	451542	109.43	ng		0.00
7) Phenol-d6	7.271	99	568724	97.72	ng		0.00
23) Nitrobenzene-d5	9.286	82	451426	94.47	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	331976	137.99	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	1002388	77.78	ng		0.00
79) Terphenyl-d14	20.097	244	1972886	82.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	64877	33.70	ng	#	17
3) Pyridine	3.980	79	201627	37.02	ng		95
4) n-Nitrosodimethylamine	3.886	42	117039	41.06	ng	#	77
6) Aniline	7.441	93	234176	33.29	ng		93
8) 2-Chlorophenol	7.682	128	187482	45.60	ng		91
9) Benzaldehyde	7.253	77	75843	20.60	ng		92
10) Phenol	7.294	94	218673	37.75	ng		73
11) bis(2-Chloroethyl)ether	7.535	93	191444	42.76	ng		94
12) 1,3-Dichlorobenzene	8.011	146	202613	38.16	ng	#	93
13) 1,4-Dichlorobenzene	8.158	146	203411	38.66	ng		98
14) 1,2-Dichlorobenzene	8.475	146	200079	40.77	ng		94
15) Benzyl Alcohol	8.352	79	213023	44.52	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.651	45	304496	38.75	ng		98
17) 2-Methylphenol	8.552	107	167163	44.94	ng	#	90
18) Hexachloroethane	9.215	117	73198	36.88	ng		95
19) n-Nitroso-di-n-propyla...	8.928	70	169058	42.36	ng		90
20) 3+4-Methylphenols	8.881	107	220414	43.47	ng		91
22) Acetophenone	8.945	105	304738	41.27	ng	#	90
24) Nitrobenzene	9.327	77	244806	46.94	ng		88
25) Isophorone	9.850	82	444892	42.65	ng		94
26) 2-Nitrophenol	10.038	139	99965	53.02	ng	#	74
27) 2,4-Dimethylphenol	10.091	122	185554	49.23	ng		88
28) bis(2-Chloroethoxy)met...	10.332	93	255870	39.77	ng		95
29) 2,4-Dichlorophenol	10.573	162	205821	45.40	ng		97
30) 1,2,4-Trichlorobenzene	10.796	180	214929	39.71	ng		98
31) Naphthalene	10.984	128	570495	41.38	ng		100
32) Benzoic acid	10.132	122	9015m	9.32	ng		
33) 4-Chloroaniline	11.078	127	114182	18.70	ng	#	92
34) Hexachlorobutadiene	11.272	225	150764	38.00	ng		98
35) Caprolactam	11.854	113	55319m	36.02	ng		
36) 4-Chloro-3-methylphenol	12.188	107	225210	46.20	ng		88
37) 2-Methylnaphthalene	12.582	142	430301	42.10	ng	#	94
38) 1-Methylnaphthalene	12.799	142	402801	42.45	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	269726	41.12	ng	#	96
41) Hexachlorocyclopentadiene	12.929	237	339639	89.02	ng		100
43) 2,4,6-Trichlorophenol	13.176	196	183354	44.45	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	197599	47.60	ng	#	95
46) 1,1'-Biphenyl	13.581	154	581430	41.45	ng		96
47) 2-Chloronaphthalene	13.628	162	456023	40.01	ng		97
48) 2-Nitroaniline	13.816	65	163998	54.19	ng	#	78
49) Acenaphthylene	14.468	152	698856	41.66	ng		99
50) Dimethylphthalate	14.198	163	615696	42.25	ng		99
51) 2,6-Dinitrotoluene	14.309	165	131821	55.66	ng	#	66
52) Acenaphthene	14.809	154	477854	41.94	ng		96
53) 3-Nitroaniline	14.633	138	86166	32.19	ng	#	79
54) 2,4-Dinitrophenol	14.832	184	50777	39.25	ng	#	40
55) Dibenzofuran	15.144	168	729421	42.41	ng		98
56) 4-Nitrophenol	14.932	139	211062	95.75	ng	#	64
57) 2,4-Dinitrotoluene	15.091	165	181867	57.99	ng	#	72
58) Fluorene	15.790	166	597637	43.39	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.361	232	196007	47.24	ng	#	92
60) Diethylphthalate	15.561	149	627615	42.83	ng		97
61) 4-Chlorophenyl-phenyle...	15.784	204	340017	43.24	ng		99
62) 4-Nitroaniline	15.802	138	141660	47.67	ng	#	65
63) Azobenzene	16.072	77	614010	42.63	ng		89
65) 4,6-Dinitro-2-methylph...	15.855	198	64453	34.21	ng		86
66) n-Nitrosodiphenylamine	15.996	169	558236	40.94	ng		98
67) 4-Bromophenyl-phenylether	16.677	248	227826	39.73	ng		92
68) Hexachlorobenzene	16.789	284	238804	38.70	ng	#	91
69) Atrazine	16.936	200	183416	33.48	ng		98
70) Pentachlorophenol	17.130	266	269684	75.72	ng		92
71) Phenanthrene	17.529	178	1040527	42.23	ng		97
72) Anthracene	17.623	178	1055127	43.40	ng		99
73) Carbazole	17.882	167	961705	43.46	ng		98
74) Di-n-butylphthalate	18.452	149	1109376	40.79	ng	#	96
75) Fluoranthene	19.533	202	1352861	43.11	ng		98
77) Benzidine	19.703	184	373850	25.16	ng		98
78) Pyrene	19.891	202	1347454	43.48	ng		98
80) Butylbenzylphthalate	20.784	149	518789	43.32	ng	#	88
81) Benzo(a)anthracene	21.748	228	1361362	42.30	ng		99
82) 3,3'-Dichlorobenzidine	21.660	252	340905	27.29	ng		99
83) Chrysene	21.818	228	1309669	42.58	ng		100
84) Bis(2-ethylhexyl)phtha...	21.666	149	740405	42.09	ng		98
85) Di-n-octyl phthalate	22.911	149	1273007	42.08	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.804	276	1591480	43.26	ng	#	85
88) Benzo(b)fluoranthene	24.010	252	1424297	43.70	ng	#	98
89) Benzo(k)fluoranthene	24.080	252	1340169	42.78	ng	#	97
90) Benzo(a)pyrene	24.897	252	1275145	41.58	ng	#	98
91) Dibenzo(a,h)anthracene	28.887	278	1290704	42.89	ng	#	96
92) Benzo(g,h,i)perylene	29.979	276	1314892	44.68	ng	#	93

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

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