Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
Data File : BG048566.D
Acq On : 2 Apr 2021 13:13
Operator : CG/JU
Sample : PB135464BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135464BSD

Manual Integrations APPROVED
mohammad
4/5/2021 11:54:36 AM

Quant Time: Apr 02 14:02:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	21788	20.00	ng	#	0.00
21) Naphthalene-d8	10.923	136	97656	20.00	ng		0.00
39) Acenaphthene-d10	14.748	164	70483	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	179060	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	158550	20.00	ng	#	0.00
86) Perylene-d12	25.142	264	131272	20.00	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	124708	101.05	ng		0.00
7) Phenol-d6	7.245	99	169697	94.81	ng		0.00
23) Nitrobenzene-d5	9.266	82	139075	68.95	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	79648	85.96	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	324800	68.49	ng		0.00
79) Terphenyl-d14	20.112	244	590679	68.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	17796	35.84	ng	#	93
3) Pyridine	3.908	79	49967	40.14	ng		96
4) n-Nitrosodimethylamine	3.819	42	37343	45.91	ng	#	98
6) Aniline	7.409	93	75704	36.83	ng		89
8) 2-Chlorophenol	7.656	128	69400	49.76	ng		99
9) Benzaldehyde	7.227	77	10201	8.92	ng		93
10) Phenol	7.274	94	90803	50.68	ng		93
11) bis(2-Chloroethyl)ether	7.509	93	59758	48.06	ng		95
12) 1,3-Dichlorobenzene	7.985	146	73892	47.03	ng		99
13) 1,4-Dichlorobenzene	8.132	146	73513	46.41	ng		96
14) 1,2-Dichlorobenzene	8.455	146	72811	47.99	ng		96
15) Benzyl Alcohol	8.332	79	70307	47.95	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.620	45	55807	46.53	ng		91
17) 2-Methylphenol	8.537	107	62206	53.65	ng		88
18) Hexachloroethane	9.190	117	27075	46.00	ng	#	80
19) n-Nitroso-di-n-propyla...	8.908	70	55082	44.65	ng	#	87
20) 3+4-Methylphenols	8.866	107	79852	49.62	ng		92
22) Acetophenone	8.925	105	107499	42.70	ng	#	95
24) Nitrobenzene	9.307	77	85241	43.06	ng		96
25) Isophorone	9.830	82	152945	41.06	ng		97
26) 2-Nitrophenol	10.024	139	41655	45.80	ng		96
27) 2,4-Dimethylphenol	10.083	122	71232	49.77	ng		95
28) bis(2-Chloroethoxy)met...	10.318	93	84120	49.27	ng		97
29) 2,4-Dichlorophenol	10.564	162	75869	46.82	ng		91
30) 1,2,4-Trichlorobenzene	10.782	180	80070	43.00	ng		96
31) Naphthalene	10.976	128	219078	43.63	ng		98
32) Benzoic acid	10.218	122	50091	45.50	ng		94
33) 4-Chloroaniline	11.076	127	56567	26.70	ng		95
34) Hexachlorobutadiene	11.258	225	56012	41.19	ng		96
35) Caprolactam	11.845	113	25191m	42.61	ng		
36) 4-Chloro-3-methylphenol	12.198	107	82903	45.56	ng		97
37) 2-Methylnaphthalene	12.580	142	167444	41.89	ng		97
38) 1-Methylnaphthalene	12.797	142	158521	41.58	ng		97
40) 1,2,4,5-Tetrachloroben...	12.944	216	93864	42.96	ng		97
41) Hexachlorocyclopentadiene	12.921	237	110472	87.28	ng		93
43) 2,4,6-Trichlorophenol	13.179	196	71013	47.28	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	75390	46.92	ng		95
46) 1,1'-Biphenyl	13.579	154	226469	43.97	ng		97
47) 2-Chloronaphthalene	13.626	162	175314	44.68	ng		94
48) 2-Nitroaniline	13.825	65	57629	46.20	ng		97
49) Acenaphthylene	14.472	152	269976	43.89	ng		97
50) Dimethylphthalate	14.196	163	239264	45.74	ng	#	97
51) 2,6-Dinitrotoluene	14.313	165	52557	43.91	ng		94
52) Acenaphthene	14.812	154	222455m	50.00	ng		
53) 3-Nitroaniline	14.648	138	39983	34.07	ng	#	98
54) 2,4-Dinitrophenol	14.854	184	70581	104.88	ng		98
55) Dibenzofuran	15.147	168	282609	43.49	ng		95
56) 4-Nitrophenol	14.959	139	94599	99.86	ng	#	82
57) 2,4-Dinitrotoluene	15.106	165	76389	45.12	ng		96
58) Fluorene	15.794	166	240042	44.13	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	72963	46.55	ng		100
60) Diethylphthalate	15.559	149	243715	45.34	ng		96
61) 4-Chlorophenyl-phenyle...	15.788	204	126330	43.17	ng		95
62) 4-Nitroaniline	15.817	138	55462	45.18	ng		98
63) Azobenzene	16.082	77	220958	41.78	ng		97
65) 4,6-Dinitro-2-methylph...	15.870	198	50028	46.50	ng		97
66) n-Nitrosodiphenylamine	15.999	169	218065	42.81	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	83911	42.27	ng		92
68) Hexachlorobenzene	16.804	284	87855	42.39	ng		96
69) Atrazine	16.945	200	73640	35.44	ng		96
70) Pentachlorophenol	17.145	266	121868	94.60	ng		93
71) Phenanthrene	17.545	178	400273	43.06	ng		99
72) Anthracene	17.639	178	400228	43.21	ng		97
73) Carbazole	17.903	167	372922	42.45	ng		98
74) Di-n-butylphthalate	18.455	149	455526	46.42	ng		98
75) Fluoranthene	19.554	202	503924	43.73	ng		96
77) Benzidine	19.730	184	139586	26.00	ng		99
78) Pyrene	19.918	202	494766	45.39	ng		98
80) Butylbenzylphthalate	20.794	149	190664	47.09	ng		96
81) Benzo(a)anthracene	21.781	228	456499	43.09	ng		100
82) 3,3'-Dichlorobenzidine	21.693	252	144953	39.83	ng		93
83) Chrysene	21.851	228	438811	43.41	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	268517	47.61	ng		99
85) Di-n-octyl phthalate	22.932	149	450393	45.81	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.996	276	508181	55.22	ng	#	73
88) Benzo(b)fluoranthene	24.084	252	461359	54.11	ng	#	95
89) Benzo(k)fluoranthene	24.154	252	446592	54.48	ng		97
90) Benzo(a)pyrene	24.995	252	413887	52.67	ng		100
91) Dibenzo(a,h)anthracene	29.055	278	432510	55.06	ng		100
92) Benzo(g,h,i)perylene	30.194	276	424189	55.14	ng		97

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

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