Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048870.D
Acq On : 23 Apr 2021 19:32
Operator : CG/JU
Sample : M2089-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-BMSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:35:45 AM

Quant Time: Apr 23 23:33:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.053	152	26058	20.00	ng		0.00
21) Naphthalene-d8	10.885	136	108130	20.00	ng		0.00
39) Acenaphthene-d10	14.722	164	70475	20.00	ng		0.00
64) Phenanthrene-d10	17.477	188	155384	20.00	ng	#	0.00
76) Chrysene-d12	21.778	240	136659	20.00	ng		0.00
86) Perylene-d12	25.109	264	141199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.609	112	157201	100.90	ng		0.00
7) Phenol-d6	7.224	99	208351	94.54	ng		0.00
23) Nitrobenzene-d5	9.234	82	148409	61.45	ng		0.00
42) 2,4,6-Tribromophenol	16.214	330	83673	88.55	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	308227	63.16	ng		0.00
79) Terphenyl-d14	20.086	244	436042	54.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.447	88	19318	31.65	ng	#	91
3) Pyridine	3.858	79	50766	31.90	ng		93
4) n-Nitrosodimethylamine	3.770	42	40925	33.69	ng		93
6) Aniline	7.371	93	27826	11.25	ng		96
8) 2-Chlorophenol	7.624	128	73175	44.27	ng		97
9) Benzaldehyde	7.189	77	49420	33.84	ng		91
10) Phenol	7.254	94	95202	43.93	ng		95
11) bis(2-Chloroethyl)ether	7.465	93	57826	39.59	ng		97
12) 1,3-Dichlorobenzene	7.941	146	76540	40.28	ng		97
13) 1,4-Dichlorobenzene	8.094	146	79852	41.23	ng		94
14) 1,2-Dichlorobenzene	8.411	146	76339	42.72	ng		94
15) Benzyl Alcohol	8.300	79	75796	39.03	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.588	45	63747	40.27	ng		98
17) 2-Methylphenol	8.511	107	59789	43.22	ng		96
18) Hexachloroethane	9.146	117	30711	40.37	ng		91
19) n-Nitroso-di-n-propyla...	8.864	70	59453	39.99	ng	#	93
20) 3+4-Methylphenols	8.840	107	80526	42.19	ng		96
22) Acetophenone	8.887	105	111180	39.50	ng	#	97
24) Nitrobenzene	9.275	77	90560	37.59	ng		94
25) Isophorone	9.798	82	157481	36.87	ng		97
26) 2-Nitrophenol	9.992	139	40247	38.60	ng		93
27) 2,4-Dimethylphenol	10.051	122	74187	46.28	ng		88
28) bis(2-Chloroethoxy)met...	10.280	93	83686	44.97	ng		92
29) 2,4-Dichlorophenol	10.538	162	74528	41.23	ng		98
30) 1,2,4-Trichlorobenzene	10.744	180	82166	39.20	ng		95
31) Naphthalene	10.938	128	226595	40.84	ng		99
32) Benzoic acid	10.244	122	21029	22.39	ng	#	72
33) 4-Chloroaniline	11.049	127	17633	7.64	ng	#	94
34) Hexachlorobutadiene	11.214	225	59843	38.45	ng		96
35) Caprolactam	11.831	113	24528m	39.93	ng		
36) 4-Chloro-3-methylphenol	12.177	107	81166	39.64	ng	#	95
37) 2-Methylnaphthalene	12.542	142	172379	38.88	ng		96
38) 1-Methylnaphthalene	12.765	142	160257	38.85	ng		95
40) 1,2,4,5-Tetrachloroben...	12.912	216	97826	42.65	ng		96
41) Hexachlorocyclopentadiene	12.883	237	28337	26.85	ng		90
43) 2,4,6-Trichlorophenol	13.153	196	61583m	40.23	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	66580	40.95	ng		91
46) 1,1'-Biphenyl	13.546	154	224858	43.19	ng		99
47) 2-Chloronaphthalene	13.593	162	170774	42.95	ng		97
48) 2-Nitroaniline	13.799	65	60520	42.35	ng		99
49) Acenaphthylene	14.445	152	272946	44.00	ng		95
50) Dimethylphthalate	14.169	163	220579	41.73	ng		97
51) 2,6-Dinitrotoluene	14.293	165	48199	39.52	ng		93
52) Acenaphthene	14.780	154	173386	44.01	ng		96
53) 3-Nitroaniline	14.628	138	22854	19.52	ng	#	99
54) 2,4-Dinitrophenol	14.839	184	27454	40.31	ng		97
55) Dibenzofuran	15.121	168	265971	40.78	ng		92
56) 4-Nitrophenol	14.957	139	67845	78.21	ng		92
57) 2,4-Dinitrotoluene	15.086	165	68164	38.49	ng		96
58) Fluorene	15.767	166	220314	41.13	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.350	232	57301	38.09	ng		99
60) Diethylphthalate	15.527	149	218530	39.96	ng		99
61) 4-Chlorophenyl-phenyle...	15.756	204	118532	40.24	ng		99
62) 4-Nitroaniline	15.797	138	36246	28.96	ng		87
63) Azobenzene	16.049	77	216111	39.24	ng		91
65) 4,6-Dinitro-2-methylph...	15.856	198	25559	24.57	ng		91
66) n-Nitrosodiphenylamine	15.973	169	189753	43.21	ng		95
67) 4-Bromophenyl-phenylether	16.655	248	71137	39.78	ng		98
68) Hexachlorobenzene	16.778	284	75509	41.68	ng		97
69) Atrazine	16.925	200	80147	43.89	ng		97
70) Pentachlorophenol	17.131	266	64146	66.45	ng		96
71) Phenanthrene	17.518	178	408363	50.64	ng		97
72) Anthracene	17.612	178	357190	44.76	ng		98
73) Carbazole	17.883	167	299419	39.17	ng		100
74) Di-n-butylphthalate	18.429	149	342666	39.99	ng		100
75) Fluoranthene	19.534	202	473838	46.46	ng		98
77) Benzidine	19.710	184	126909	34.20	ng		99
78) Pyrene	19.898	202	466830	49.38	ng		99
80) Butylbenzylphthalate	20.767	149	141188	38.19	ng		99
81) Benzo(a)anthracene	21.755	228	411609	44.08	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	59573	18.60	ng		96
83) Chrysene	21.825	228	380851	42.81	ng		96
84) Bis(2-ethylhexyl)phtha...	21.637	149	204690	39.55	ng		98
85) Di-n-octyl phthalate	22.888	149	341124	38.71	ng		99
87) Indeno(1,2,3-cd)pyrene	28.946	276	426166	41.09	ng	#	96
88) Benzo(b)fluoranthene	24.052	252	402217m	41.99	ng		
89) Benzo(k)fluoranthene	24.116	252	359902	39.95	ng		98
90) Benzo(a)pyrene	24.957	252	355949	40.34	ng		97
91) Dibenzo(a,h)anthracene	28.999	278	341073	38.35	ng		97
92) Benzo(g,h,i)perylene	30.151	276	338098	38.50	ng	#	96

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

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