Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
Data File : BG056664.D
Acq On : 17 Feb 2023 20:32
Operator : CG/JU
Sample : 01572-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 18 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	17345	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	67138	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	51244	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	129929	20.000	ng	0.00
76) Chrysene-d12	22.090	240	127268	20.000	ng	-0.01
86) Perylene-d12	25.633	264	123469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	164909	154.695	ng	0.00
7) Phenol-d6	7.560	99	216146	137.263	ng	0.00
23) Nitrobenzene-d5	9.610	82	132524	101.066	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	110409	157.369	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	360143	94.109	ng	0.00
79) Terphenyl-d14	20.339	244	772552	99.317	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.770	88	21932	46.927	ng	# 60
3) Pyridine	4.187	79	64108	43.366	ng	96
4) n-Nitrosodimethylamine	4.087	42	35472	51.478	ng	92
6) Aniline	7.748	93	39583	18.087	ng	97
8) 2-Chlorophenol	7.989	128	56887	53.934	ng	96
9) Benzaldehyde	7.554	77	16570	19.898	ng	85
10) Phenol	7.589	94	78587	48.788	ng	97
11) bis(2-Chloroethyl)ether	7.836	93	59115	48.912	ng	98
12) 1,3-Dichlorobenzene	8.323	146	58699	46.710	ng	99
13) 1,4-Dichlorobenzene	8.470	146	58602	46.305	ng	98
14) 1,2-Dichlorobenzene	8.799	146	58219	47.859	ng	99
15) Benzyl Alcohol	8.664	79	69412	49.229	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.952	45	73628	45.377	ng	99
17) 2-Methylphenol	8.858	107	54309	47.977	ng	98
18) Hexachloroethane	9.540	117	19059	47.541	ng	93
19) n-Nitroso-di-n-propyla...	9.240	70	55954	47.464	ng	97
20) 3+4-Methylphenols	9.187	107	74501	47.910	ng	92
22) Acetophenone	9.264	105	100914	49.193	ng	# 97
24) Nitrobenzene	9.651	77	74362	48.650	ng	96
25) Isophorone	10.174	82	151832	47.578	ng	97
26) 2-Nitrophenol	10.368	139	27099	50.191	ng	94
27) 2,4-Dimethylphenol	10.409	122	63350	51.346	ng	96
28) bis(2-Chloroethoxy)met...	10.650	93	80896	49.741	ng	98
29) 2,4-Dichlorophenol	10.909	162	67178	54.937	ng	95
30) 1,2,4-Trichlorobenzene	11.132	180	70032	48.077	ng	92
31) Naphthalene	11.326	128	176145	47.339	ng	99
32) Benzoic acid	10.527	122	35979m	45.245	ng	
34) Hexachlorobutadiene	11.602	225	49057	47.126	ng	98
35) Caprolactam	12.178	113	18326m	46.595	ng	
36) 4-Chloro-3-methylphenol	12.501	107	70056	51.951	ng	98
37) 2-Methylnaphthalene	12.895	142	133158	45.323	ng	97
38) 1-Methylnaphthalene	13.112	142	125261	45.691	ng	100
40) 1,2,4,5-Tetrachloroben...	13.253	216	93274	48.963	ng	97
41) Hexachlorocyclopentadiene	13.235	237	114473	110.792	ng	99
43) 2,4,6-Trichlorophenol	13.482	196	63831	55.227	ng	99
44) 2,4,5-Trichlorophenol	13.553	196	68689	49.586	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.882	154	190895	49.177	ng		100
47)	2-Chloronaphthalene	13.929	162	155309	50.559	ng		99
48)	2-Nitroaniline	14.117	65	38801	43.868	ng		91
49)	Acenaphthylene	14.769	152	241913	48.467	ng		99
50)	Dimethylphthalate	14.481	163	213007	50.283	ng		98
51)	2,6-Dinitrotoluene	14.598	165	39842	48.286	ng		88
52)	Acenaphthene	15.104	154	164414	53.402	ng		98
53)	3-Nitroaniline	14.922	138	10630	12.927	ng	#	90
54)	2,4-Dinitrophenol	15.127	184	52580	107.438	ng	#	60
55)	Dibenzofuran	15.433	168	254689	48.966	ng		99
56)	4-Nitrophenol	15.209	139	66737	105.929	ng		91
57)	2,4-Dinitrotoluene	15.380	165	56005	54.209	ng	#	91
58)	Fluorene	16.079	166	199570	48.527	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.644	232	65216	53.717	ng	#	93
60)	Diethylphthalate	15.826	149	208117	48.704	ng		98
61)	4-Chlorophenyl-phenyle...	16.061	204	121298	48.279	ng		100
62)	4-Nitroaniline	16.085	138	32737	38.200	ng		90
63)	Azobenzene	16.355	77	202612	47.377	ng		98
65)	4,6-Dinitro-2-methylph...	16.138	198	33371	49.736	ng		95
66)	n-Nitrosodiphenylamine	16.273	169	161933	42.841	ng		97
67)	4-Bromophenyl-phenylether	16.954	248	82294	49.332	ng		95
68)	Hexachlorobenzene	17.078	284	89090	52.420	ng		97
69)	Atrazine	17.201	200	31362	21.608	ng		96
70)	Pentachlorophenol	17.413	266	109495	97.283	ng		95
71)	Phenanthrene	17.818	178	351285	49.695	ng		99
72)	Anthracene	17.906	178	357922	49.484	ng		99
73)	Carbazole	18.165	167	268762	43.104	ng		98
74)	Di-n-butylphthalate	18.700	149	349130	50.035	ng		100
75)	Fluoranthene	19.798	202	454468	48.726	ng		99
78)	Pyrene	20.163	202	467112	48.599	ng		99
80)	Butylbenzylphthalate	21.026	149	146670	50.817	ng		97
81)	Benzo(a)anthracene	22.066	228	465813	49.216	ng		98
82)	3,3'-Dichlorobenzidine	21.966	252	7369m	2.400	ng		
83)	Chrysene	22.143	228	431688	48.790	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.937	149	213813	49.436	ng		99
85)	Di-n-octyl phthalate	23.265	149	354608	49.330	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.722	276	522931	54.079	ng	#	98
88)	Benzo(b)fluoranthene	24.499	252	486102	60.263	ng		99
89)	Benzo(k)fluoranthene	24.575	252	452497	57.045	ng		99
90)	Benzo(a)pyrene	25.468	252	399062	51.468	ng		97
91)	Dibenzo(a,h)anthracene	29.798	278	449991	56.188	ng		98
92)	Benzo(g,h,i)perylene	31.015	276	392603	50.170	ng		98

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

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