Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055952.D
Acq On : 13 Dec 2022 21:17
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 01:57:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:49:58 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.376	152	4988	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	19165	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	19506	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	56624	20.000	ng		0.00
76) Chrysene-d12	22.025	240	64840	20.000	ng		0.00
86) Perylene-d12	25.521	264	75587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.885	112	25488	92.362	ng		0.00
7) Phenol-d6	7.495	99	34131	92.913	ng		0.00
23) Nitrobenzene-d5	9.545	82	37077	102.254	ng		0.00
42) 2,4,6-Tribromophenol	16.461	330	63069	229.618	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	168770	129.621	ng		0.00
79) Terphenyl-d14	20.291	244	446543	137.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.717	88	3777	32.027	ng		91
3) Pyridine	4.128	79	12796m	35.369	ng		
4) n-Nitrosodimethylamine	4.040	42	10691	55.815	ng		86
6) Aniline	7.683	93	20460	44.343	ng		95
8) 2-Chlorophenol	7.929	128	16792	53.229	ng		93
9) Benzaldehyde	7.495	77	9409	37.715	ng		95
10) Phenol	7.524	94	18670	45.391	ng		98
11) bis(2-Chloroethyl)ether	7.777	93	11585	36.753	ng		98
12) 1,3-Dichlorobenzene	8.258	146	20710m	55.837	ng		
13) 1,4-Dichlorobenzene	8.405	146	21476	57.300	ng		98
14) 1,2-Dichlorobenzene	8.734	146	20350	56.661	ng		97
15) Benzyl Alcohol	8.599	79	18235	61.079	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.893	45	15347	26.895	ng		97
17) 2-Methylphenol	8.799	107	14809	50.713	ng		95
18) Hexachloroethane	9.475	117	6427	49.822	ng	#	77
19) n-Nitroso-di-n-propyla...	9.181	70	12753	45.184	ng		93
20) 3+4-Methylphenols	9.128	107	21244	52.078	ng		94
22) Acetophenone	9.198	105	28626	57.482	ng	#	96
24) Nitrobenzene	9.592	77	19219	50.744	ng		96
25) Isophorone	10.115	82	36801	53.566	ng		98
26) 2-Nitrophenol	10.303	139	10945	62.600	ng		91
27) 2,4-Dimethylphenol	10.344	122	16718m	62.826	ng		
28) bis(2-Chloroethoxy)met...	10.585	93	15896	43.099	ng		95
29) 2,4-Dichlorophenol	10.838	162	25110	78.839	ng		98
30) 1,2,4-Trichlorobenzene	11.061	180	30887	83.473	ng		97
31) Naphthalene	11.261	128	62942	60.753	ng		99
32) Benzoic acid	10.479	122	14699	67.141	ng		94
33) 4-Chloroaniline	11.349	127	27421	64.161	ng		98
34) Hexachlorobutadiene	11.537	225	28289	111.962	ng		94
35) Caprolactam	12.124	113	6872	62.350	ng		92
36) 4-Chloro-3-methylphenol	12.436	107	24089	68.814	ng		98
37) 2-Methylnaphthalene	12.835	142	56311	72.592	ng		98
38) 1-Methylnaphthalene	13.053	142	55110	73.181	ng		99
40) 1,2,4,5-Tetrachloroben...	13.194	216	49594	80.906	ng		99
41) Hexachlorocyclopentadiene	13.170	237	29593	95.787	ng		98
43) 2,4,6-Trichlorophenol	13.417	196	30637	73.269	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.488	196	35098	76.382	ng		94
46)	1,1'-Biphenyl	13.823	154	80728	56.793	ng		96
47)	2-Chloronaphthalene	13.870	162	66004	59.741	ng		97
49)	Acenaphthylene	14.704	152	106639	58.614	ng		98
50)	Dimethylphthalate	14.422	163	104020	66.896	ng		99
52)	Acenaphthene	15.045	154	72332	60.831	ng		96
53)	3-Nitroaniline	14.868	138	17391	49.828	ng	#	95
54)	2,4-Dinitrophenol	15.068	184	12750	69.748	ng	#	74
55)	Dibenzofuran	15.374	168	120023	65.431	ng		99
56)	4-Nitrophenol	15.150	139	14239	51.981	ng		94
57)	2,4-Dinitrotoluene	15.321	165	27014	60.264	ng	#	85
58)	Fluorene	16.020	166	97288	66.405	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.591	232	40880	91.815	ng		99
60)	Diethylphthalate	15.773	149	102343	65.100	ng		99
61)	4-Chlorophenyl-phenyle...	16.002	204	67802	84.190	ng		98
62)	4-Nitroaniline	16.032	138	18919	51.856	ng		97
63)	Azobenzene	16.296	77	62555	45.578	ng		99
65)	4,6-Dinitro-2-methylph...	16.079	198	17642	55.797	ng		93
66)	n-Nitrosodiphenylamine	16.214	169	90694	58.118	ng		99
67)	4-Bromophenyl-phenylether	16.895	248	51637	80.037	ng		95
68)	Hexachlorobenzene	17.019	284	62790	87.771	ng		98
69)	Atrazine	17.148	200	36361	58.915	ng		96
70)	Pentachlorophenol	17.354	266	38097	87.055	ng		95
71)	Phenanthrene	17.759	178	179833	58.852	ng		100
72)	Anthracene	17.853	178	175511	59.116	ng		99
73)	Carbazole	18.112	167	141835	53.140	ng		98
74)	Di-n-butylphthalate	18.652	149	164238	49.556	ng		99
75)	Fluoranthene	19.745	202	241193	64.881	ng		99
77)	Benzidine	19.909	184	52994	35.328	ng		97
78)	Pyrene	20.109	202	240766	54.858	ng		99
80)	Butylbenzylphthalate	20.979	149	69600	40.509	ng		100
81)	Benzo(a)anthracene	22.007	228	276391	61.889	ng		98
82)	3,3'-Dichlorobenzidine	21.901	252	98543	62.796	ng		96
83)	Chrysene	22.078	228	258897	60.895	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.890	149	102520	41.519	ng		96
85)	Di-n-octyl phthalate	23.200	149	175584	41.552	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.557	276	370789	59.879	ng	#	99
88)	Benzo(b)fluoranthene	24.404	252	297416	60.418	ng		99
89)	Benzo(k)fluoranthene	24.481	252	297935	60.717	ng		98
90)	Benzo(a)pyrene	25.356	252	250639	59.333	ng		99
91)	Dibenzo(a,h)anthracene	29.633	278	309819	61.227	ng		98
92)	Benzo(g,h,i)perylene	30.820	276	298534	58.535	ng		99

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

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