Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056493.D
Acq On : 31 Jan 2023 20:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:20:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	37246	20.000	ng	#	0.00
21) Naphthalene-d8	11.109	136	142446	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	115724	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	286820	20.000	ng		0.00
76) Chrysene-d12	21.925	240	275609	20.000	ng	#	0.00
86) Perylene-d12	25.345	264	300879	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	156802	77.444	ng		0.00
7) Phenol-d6	7.419	99	231952	77.319	ng		0.00
23) Nitrobenzene-d5	9.458	82	200066	79.755	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	121987	79.291	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	674023	80.751	ng		0.00
79) Terphenyl-d14	20.210	244	1212272	77.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	32069	38.038	ng		97
3) Pyridine	4.017	79	99373	39.541	ng		95
4) n-Nitrosodimethylamine	3.929	42	20901	39.108	ng		96
6) Aniline	7.589	93	150731	38.376	ng		96
8) 2-Chlorophenol	7.836	128	85299	38.350	ng		98
9) Benzaldehyde	7.401	77	54459	39.622	ng		95
10) Phenol	7.448	94	116776	38.299	ng		97
11) bis(2-Chloroethyl)ether	7.683	93	81666	38.967	ng		97
12) 1,3-Dichlorobenzene	8.165	146	101051	39.459	ng		97
13) 1,4-Dichlorobenzene	8.312	146	102211	39.411	ng		99
14) 1,2-Dichlorobenzene	8.635	146	97218	38.636	ng		96
15) Benzyl Alcohol	8.512	79	80835	39.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.800	45	16193	36.466	ng		87
17) 2-Methylphenol	8.717	107	88142	37.998	ng		95
18) Hexachloroethane	9.375	117	31515	40.176	ng		95
19) n-Nitroso-di-n-propyla...	9.082	70	67225	38.885	ng		97
20) 3+4-Methylphenols	9.046	107	125512	38.610	ng		97
22) Acetophenone	9.105	105	148998	39.368	ng	#	98
24) Nitrobenzene	9.499	77	98465	40.694	ng		95
25) Isophorone	10.016	82	202329	39.096	ng		99
26) 2-Nitrophenol	10.216	139	59293	40.388	ng		100
27) 2,4-Dimethylphenol	10.257	122	97563	39.709	ng		92
28) bis(2-Chloroethoxy)met...	10.492	93	114305	39.982	ng		99
29) 2,4-Dichlorophenol	10.750	162	112419	40.649	ng		95
30) 1,2,4-Trichlorobenzene	10.968	180	125779	40.927	ng		97
31) Naphthalene	11.162	128	299735	39.867	ng		98
32) Benzoic acid	10.404	122	49197m	35.790	ng		
33) 4-Chloroaniline	11.261	127	137215	39.098	ng		98
34) Hexachlorobutadiene	11.432	225	93639	43.407	ng		98
35) Caprolactam	12.043	113	35245	37.788	ng		91
36) 4-Chloro-3-methylphenol	12.366	107	106151	39.745	ng		99
37) 2-Methylnaphthalene	12.742	142	247654	39.955	ng		97
38) 1-Methylnaphthalene	12.959	142	228592	39.489	ng		95
40) 1,2,4,5-Tetrachloroben...	13.106	216	175149	41.428	ng		100
41) Hexachlorocyclopentadiene	13.077	237	84296	40.988	ng		95
43) 2,4,6-Trichlorophenol	13.341	196	110361	40.507	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.418	196	128657	40.333	ng		97
46)	1,1'-Biphenyl	13.735	154	338684	40.350	ng		99
47)	2-Chloronaphthalene	13.782	162	261928	39.923	ng		96
48)	2-Nitroaniline	13.982	65	53263	39.271	ng		92
49)	Acenaphthylene	14.622	152	425427	39.855	ng		98
50)	Dimethylphthalate	14.340	163	367680	39.272	ng		99
51)	2,6-Dinitrotoluene	14.469	165	79565	38.970	ng		98
52)	Acenaphthene	14.963	154	253379	40.029	ng		99
53)	3-Nitroaniline	14.798	138	75030	37.906	ng		99
54)	2,4-Dinitrophenol	15.010	184	47713	37.276	ng		99
55)	Dibenzofuran	15.292	168	454511	40.038	ng		98
56)	4-Nitrophenol	15.104	139	52784	39.027	ng		95
57)	2,4-Dinitrotoluene	15.251	165	113522	39.473	ng	#	99
58)	Fluorene	15.938	166	355294	39.333	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.515	232	117578	41.456	ng	#	98
60)	Diethylphthalate	15.686	149	340645	38.747	ng		99
61)	4-Chlorophenyl-phenyle...	15.921	204	225064	40.832	ng		99
62)	4-Nitroaniline	15.956	138	78892	39.832	ng		97
63)	Azobenzene	16.214	77	243783	40.300	ng		97
65)	4,6-Dinitro-2-methylph...	16.015	198	81801	40.566	ng		97
66)	n-Nitrosodiphenylamine	16.132	169	329147	40.532	ng		100
67)	4-Bromophenyl-phenylether	16.814	248	151238	41.189	ng		97
68)	Hexachlorobenzene	16.943	284	143308	39.849	ng		98
69)	Atrazine	17.066	200	128475	41.009	ng		98
70)	Pentachlorophenol	17.284	266	86570	39.783	ng		95
71)	Phenanthrene	17.677	178	595321	39.657	ng		99
72)	Anthracene	17.766	178	616600	40.013	ng		99
73)	Carbazole	18.036	167	519089	39.551	ng		98
74)	Di-n-butylphthalate	18.559	149	545259	39.567	ng		99
75)	Fluoranthene	19.669	202	754826	39.840	ng		99
77)	Benzidine	19.840	184	291497	39.084	ng		98
78)	Pyrene	20.028	202	768626	39.212	ng		99
80)	Butylbenzylphthalate	20.885	149	230999	38.587	ng		98
81)	Benzo(a)anthracene	21.902	228	759825	39.434	ng		100
82)	3,3'-Dichlorobenzidine	21.808	252	272159	39.223	ng		99
83)	Chrysene	21.972	228	711670	39.314	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.761	149	335783	39.122	ng		99
85)	Di-n-octyl phthalate	23.036	149	566968	39.666	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.293	276	886038	40.229	ng	#	96
88)	Benzo(b)fluoranthene	24.252	252	755990	40.481	ng		99
89)	Benzo(k)fluoranthene	24.323	252	755218	40.054	ng		99
90)	Benzo(a)pyrene	25.186	252	737977	40.116	ng		99
91)	Dibenzo(a,h)anthracene	29.346	278	740158	40.036	ng		99
92)	Benzo(g,h,i)perylene	30.527	276	723618	40.565	ng		99

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

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