Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
Data File : BF134419.D
Acq On : 22 Jul 2023 13:23
Operator : CG\JU
Sample : 03668-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 13:55:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	69887	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	224249	20.000	ng	#	0.00
39) Acenaphthene-d10	9.880	164	114420	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	227009	20.000	ng		0.00
76) Chrysene-d12	14.039	240	171107	20.000	ng		0.00
86) Perylene-d12	15.545	264	156511	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	499224	119.491	ng		0.03
7) Phenol-d6	6.486	99	545634	106.195	ng		0.00
23) Nitrobenzene-d5	7.404	82	395276	95.017	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	223511	155.800	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	769136	97.731	ng		0.00
79) Terphenyl-d14	12.974	244	963152	90.593	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	61757m	35.849	ng		
3) Pyridine	3.575	79	130469	29.076	ng		96
4) n-Nitrosodimethylamine	3.504	42	103722	40.472	ng		100
6) Aniline	6.510	93	100172	16.022	ng	#	77
8) 2-Chlorophenol	6.628	128	198081	46.705	ng		99
9) Benzaldehyde	6.398	77	74250	23.512	ng		90
10) Phenol	6.498	94	192267	35.590	ng		90
11) bis(2-Chloroethyl)ether	6.575	93	174407	43.851	ng		97
12) 1,3-Dichlorobenzene	6.781	146	212615	47.023	ng		98
13) 1,4-Dichlorobenzene	6.857	146	202456	44.331	ng		99
14) 1,2-Dichlorobenzene	7.004	146	179073	41.868	ng		99
15) Benzyl Alcohol	6.986	79	161456	40.762	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	223659	31.787	ng		79
17) 2-Methylphenol	7.098	107	138202	36.390	ng	#	93
18) Hexachloroethane	7.345	117	77887	45.995	ng		95
19) n-Nitroso-di-n-propyla...	7.251	70	129496	39.743	ng		97
20) 3+4-Methylphenols	7.257	107	176630	38.336	ng	#	81
22) Acetophenone	7.251	105	263772	51.720	ng		93
24) Nitrobenzene	7.422	77	194948	46.374	ng		94
25) Isophorone	7.663	82	344917	45.620	ng		98
26) 2-Nitrophenol	7.739	139	93873	46.549	ng		97
27) 2,4-Dimethylphenol	7.780	122	152323	47.717	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	190585	43.534	ng		99
29) 2,4-Dichlorophenol	7.986	162	150031	47.397	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	156753	47.992	ng		99
31) Naphthalene	8.139	128	505205	46.640	ng		99
32) Benzoic acid	7.898	122	28732m	12.012	ng		
33) 4-Chloroaniline	8.198	127	17102	3.691	ng		93
34) Hexachlorobutadiene	8.251	225	103244	50.110	ng		99
35) Caprolactam	8.580	113	36973m	35.474	ng		
36) 4-Chloro-3-methylphenol	8.686	107	170172	47.854	ng		94
37) 2-Methylnaphthalene	8.833	142	365233	47.681	ng		99
38) 1-Methylnaphthalene	8.933	142	348579	48.951	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	164469	48.518	ng		100
41) Hexachlorocyclopentadiene	8.980	237	126489	78.652	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	108252	46.910	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	117140	43.155	ng		95
46) 1,1'-Biphenyl	9.298	154	430716	46.927	ng		98
47) 2-Chloronaphthalene	9.327	162	327316	48.741	ng		99
48) 2-Nitroaniline	9.427	65	111221	45.444	ng		97
49) Acenaphthylene	9.745	152	534799	46.619	ng		99
50) Dimethylphthalate	9.604	163	400001	48.159	ng		99
51) 2,6-Dinitrotoluene	9.674	165	87742	49.047	ng		96
52) Acenaphthene	9.916	154	321035	48.229	ng		99
53) 3-Nitroaniline	9.839	138	23702	11.044	ng	#	88
54) 2,4-Dinitrophenol	9.963	184	83902	81.154	ng		99
55) Dibenzofuran	10.086	168	478027	45.950	ng		96
56) 4-Nitrophenol	10.027	139	93518	62.296	ng		96
57) 2,4-Dinitrotoluene	10.080	165	117212	49.613	ng	#	83
58) Fluorene	10.433	166	403800	49.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	95203m	44.464	ng		
60) Diethylphthalate	10.304	149	410823	47.476	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	188980	48.452	ng		95
62) 4-Nitroaniline	10.463	138	83063	38.405	ng		91
63) Azobenzene	10.586	77	365675	44.674	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	58391	47.179	ng		95
66) n-Nitrosodiphenylamine	10.545	169	342000	47.153	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	119267	49.430	ng		97
68) Hexachlorobenzene	10.986	284	140979	55.030	ng	#	90
69) Atrazine	11.080	200	114442	57.043	ng		98
70) Pentachlorophenol	11.186	266	115134	75.163	ng		98
71) Phenanthrene	11.404	178	568955	49.786	ng		99
72) Anthracene	11.451	178	576611	48.510	ng		100
73) Carbazole	11.616	167	540621	49.691	ng		98
74) Di-n-butylphthalate	11.933	149	641349	49.571	ng		99
75) Fluoranthene	12.598	202	631282	51.096	ng		96
77) Benzidine	12.721	184	199582	49.021	ng		99
78) Pyrene	12.827	202	641704	40.298	ng		99
80) Butylbenzylphthalate	13.445	149	276367	46.276	ng		99
81) Benzo(a)anthracene	14.027	228	564045	47.532	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	98506	26.201	ng		100
83) Chrysene	14.068	228	509430	44.323	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	362481	52.821	ng		100
85) Di-n-octyl phthalate	14.627	149	564681	56.001	ng		96
87) Indeno(1,2,3-cd)pyrene	17.109	276	509551	46.919	ng	#	94
88) Benzo(b)fluoranthene	15.104	252	462797	50.288	ng		99
89) Benzo(k)fluoranthene	15.133	252	462681m	49.379	ng		
90) Benzo(a)pyrene	15.486	252	401702	45.139	ng	#	97
91) Dibenzo(a,h)anthracene	17.121	278	419259	47.264	ng	#	96
92) Benzo(g,h,i)perylene	17.580	276	410955	44.924	ng	#	94

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

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