Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF133983.D
Acq On : 27 Jun 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 27 10:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	119088	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	429090	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	209215	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	414319	20.000	ng	0.00
76) Chrysene-d12	14.045	240	258902	20.000	ng	0.00
86) Perylene-d12	15.545	264	213147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	531884	74.711	ng	0.00
7) Phenol-d6	6.492	99	755677	86.311	ng	0.00
23) Nitrobenzene-d5	7.416	82	710385	89.244	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	244408	93.174	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1217427	84.602	ng	0.00
79) Terphenyl-d14	12.980	244	1271170	79.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	105087	35.799	ng	99
3) Pyridine	3.410	79	274392	35.886	ng	99
4) n-Nitrosodimethylamine	3.375	42	167060	38.255	ng	94
6) Aniline	6.522	93	455173	42.723	ng	100
8) 2-Chlorophenol	6.639	128	313583	43.391	ng	96
9) Benzaldehyde	6.410	77	213349	46.211	ng	100
10) Phenol	6.504	94	397694	43.202	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	288006	42.496	ng	98
12) 1,3-Dichlorobenzene	6.792	146	326168	42.334	ng	98
13) 1,4-Dichlorobenzene	6.869	146	332114	42.677	ng	99
14) 1,2-Dichlorobenzene	7.022	146	286765	39.346	ng	99
15) Benzyl Alcohol	6.992	79	299101	44.315	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	507771	42.350	ng	99
17) 2-Methylphenol	7.104	107	276898	42.787	ng	99
18) Hexachloroethane	7.357	117	119258	41.330	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	233067	41.977	ng	99
20) 3+4-Methylphenols	7.263	107	335806	42.772	ng	97
22) Acetophenone	7.263	105	427343	43.791	ng	97
24) Nitrobenzene	7.439	77	359027	44.634	ng	99
25) Isophorone	7.675	82	627955	43.407	ng	99
26) 2-Nitrophenol	7.751	139	161820	41.936	ng	98
27) 2,4-Dimethylphenol	7.786	122	258269	42.283	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	348339	41.584	ng	99
29) 2,4-Dichlorophenol	7.992	162	273969	45.232	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	247952	39.674	ng	99
31) Naphthalene	8.157	128	828369	39.967	ng	100
32) Benzoic acid	7.904	122	211624m	46.236	ng	
33) 4-Chloroaniline	8.204	127	398064	44.898	ng	99
34) Hexachlorobutadiene	8.269	225	173759	44.075	ng	99
35) Caprolactam	8.586	113	85678	42.961	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	269021	39.537	ng	97
37) 2-Methylnaphthalene	8.845	142	574232	39.178	ng	100
38) 1-Methylnaphthalene	8.945	142	543498	39.888	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	287877	46.444	ng	99
41) Hexachlorocyclopentadiene	8.998	237	126194	42.914	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	197526	46.813	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	229839	46.308	ng	91
46) 1,1'-Biphenyl	9.310	154	785185	46.786	ng	99
47) 2-Chloronaphthalene	9.339	162	553356	45.065	ng	98
48) 2-Nitroaniline	9.433	65	195305	43.643	ng	99
49) Acenaphthylene	9.757	152	833131	39.719	ng	99
50) Dimethylphthalate	9.616	163	694511	45.731	ng	100
51) 2,6-Dinitrotoluene	9.680	165	157118	48.033	ng	99
52) Acenaphthene	9.928	154	490278	40.281	ng	99
53) 3-Nitroaniline	9.851	138	163999	41.792	ng	97
54) 2,4-Dinitrophenol	9.957	184	71057	39.662	ng	91
55) Dibenzofuran	10.098	168	758421	39.871	ng	98
56) 4-Nitrophenol	10.010	139	111514	40.626	ng	97
57) 2,4-Dinitrotoluene	10.086	165	181490	42.013	ng	96
58) Fluorene	10.445	166	678590	45.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	162577	41.527	ng	99
60) Diethylphthalate	10.316	149	651984	41.206	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	325949	45.704	ng	100
62) 4-Nitroaniline	10.469	138	185649	46.944	ng	99
63) Azobenzene	10.598	77	689459	46.066	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	116538	51.592	ng	98
66) n-Nitrosodiphenylamine	10.557	169	611829	46.219	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	190261	43.205	ng	96
68) Hexachlorobenzene	10.992	284	209585	44.824	ng	97
69) Atrazine	11.086	200	164016	44.793	ng	100
70) Pentachlorophenol	11.186	266	134774	48.208	ng	97
71) Phenanthrene	11.410	178	839501	40.249	ng	99
72) Anthracene	11.463	178	857585	39.531	ng	100
73) Carbazole	11.622	167	795699	40.072	ng	100
74) Di-n-butylphthalate	11.951	149	958045	40.572	ng	99
75) Fluoranthene	12.604	202	921552	40.869	ng	99
77) Benzidine	12.727	184	114081	18.518	ng	98
78) Pyrene	12.839	202	939377	38.987	ng	99
80) Butylbenzylphthalate	13.457	149	377911	41.820	ng	96
81) Benzo(a)anthracene	14.033	228	703589	39.186	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	205910	36.197	ng	99
83) Chrysene	14.074	228	686161	39.455	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	472174	45.474	ng	99
85) Di-n-octyl phthalate	14.639	149	531543	34.839	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	668608	45.206	ng	99
88) Benzo(b)fluoranthene	15.104	252	469384	37.451	ng	100
89) Benzo(k)fluoranthene	15.133	252	483874	37.919	ng	98
90) Benzo(a)pyrene	15.486	252	483585	39.901	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	511152	42.312	ng	99
92) Benzo(g,h,i)perylene	17.568	276	538251	43.206	ng	100

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

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