Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062421\
Data File : BF124441.D
Acq On : 24 Jun 2021 14:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/25/2021 1:10:38 PM

Quant Time: Jun 24 15:25:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:48:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	36466	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	129694	20.000	ng	#	0.00
39) Acenaphthene-d10	9.757	164	77971	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	132925	20.000	ng		0.00
76) Chrysene-d12	13.898	240	85949	20.000	ng		0.00
86) Perylene-d12	15.333	264	82176	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	188135	81.138	ng		0.00
7) Phenol-d6	6.375	99	244106	80.629	ng		0.00
23) Nitrobenzene-d5	7.292	82	254303	81.300	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	71730	77.001	ng		0.00
45) 2-Fluorobiphenyl	9.080	172	481274	75.612	ng		0.00
79) Terphenyl-d14	12.833	244	472546	82.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	41169	41.290	ng	#	93
3) Pyridine	3.075	79	87251	39.906	ng	#	73
4) n-Nitrosodimethylamine	3.046	42	50246	42.597	ng		85
6) Aniline	6.386	93	139614	41.278	ng	#	26
8) 2-Chlorophenol	6.510	128	103269	40.075	ng		97
9) Benzaldehyde	6.275	77	60402	42.859	ng		99
10) Phenol	6.386	94	129974	39.704	ng	#	58
11) bis(2-Chloroethyl)ether	6.463	93	96581	40.795	ng		88
12) 1,3-Dichlorobenzene	6.657	146	124271m	39.705	ng		
13) 1,4-Dichlorobenzene	6.734	146	127756	40.255	ng		94
14) 1,2-Dichlorobenzene	6.892	146	115305	38.579	ng		97
15) Benzyl Alcohol	6.869	79	104949	40.413	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	6.998	45	116544	38.373	ng		52
17) 2-Methylphenol	6.986	107	82312	39.918	ng	#	87
18) Hexachloroethane	7.228	117	45564	39.407	ng	#	87
19) n-Nitroso-di-n-propyla...	7.139	70	84091	41.301	ng	#	77
20) 3+4-Methylphenols	7.145	107	105282	39.115	ng	#	83
22) Acetophenone	7.133	105	147990	40.991	ng	#	87
24) Nitrobenzene	7.310	77	121900	39.009	ng		99
25) Isophorone	7.545	82	213288	39.660	ng		97
26) 2-Nitrophenol	7.622	139	59033	38.838	ng		89
27) 2,4-Dimethylphenol	7.669	122	80779	39.871	ng		87
28) bis(2-Chloroethoxy)met...	7.757	93	107531	39.448	ng		96
29) 2,4-Dichlorophenol	7.869	162	94280	39.202	ng		93
30) 1,2,4-Trichlorobenzene	7.945	180	107296	39.339	ng		98
31) Naphthalene	8.022	128	304426	39.897	ng		98
32) Benzoic acid	7.816	122	39907	35.872	ng		95
33) 4-Chloroaniline	8.081	127	113658	39.659	ng		94
34) Hexachlorobutadiene	8.139	225	71167	39.028	ng		96
35) Caprolactam	8.463	113	26105m	41.421	ng		
36) 4-Chloro-3-methylphenol	8.575	107	95262	39.217	ng		88
37) 2-Methylnaphthalene	8.716	142	210392	38.965	ng		99
38) 1-Methylnaphthalene	8.816	142	198227	39.470	ng		97
40) 1,2,4,5-Tetrachloroben...	8.886	216	105103	37.508	ng	#	97
41) Hexachlorocyclopentadiene	8.869	237	5012	23.051	ng		86
43) 2,4,6-Trichlorophenol	9.004	196	64176	36.496	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	66006	35.575	ng	#	93
46) 1,1'-Biphenyl	9.180	154	258736	39.043	ng		98
47) 2-Chloronaphthalene	9.210	162	208863	38.531	ng		94
48) 2-Nitroaniline	9.310	65	68994	38.691	ng		97
49) Acenaphthylene	9.622	152	292658	37.350	ng		99
50) Dimethylphthalate	9.492	163	227775	37.052	ng		98
51) 2,6-Dinitrotoluene	9.557	165	50600	35.633	ng	#	80
52) Acenaphthene	9.792	154	186492	37.483	ng		95
53) 3-Nitroaniline	9.727	138	48299	38.424	ng		97
54) 2,4-Dinitrophenol	9.851	184	15903	37.214	ng	#	84
55) Dibenzofuran	9.969	168	293448	37.005	ng		99
56) 4-Nitrophenol	9.910	139	22584	34.248	ng		93
57) 2,4-Dinitrotoluene	9.963	165	72063	38.285	ng	#	79
58) Fluorene	10.310	166	230960	37.904	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.092	232	52083	38.382	ng	#	97
60) Diethylphthalate	10.186	149	222241	36.332	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.304	204	111144	36.807	ng		92
62) 4-Nitroaniline	10.345	138	48089	39.763	ng		91
63) Azobenzene	10.463	77	228200	37.478	ng		96
65) 4,6-Dinitro-2-methylph...	10.380	198	38221	40.114	ng	#	64
66) n-Nitrosodiphenylamine	10.422	169	203564	39.919	ng		93
67) 4-Bromophenyl-phenylether	10.792	248	68052	38.055	ng		95
68) Hexachlorobenzene	10.863	284	71113	36.601	ng		92
69) Atrazine	10.957	200	56767	43.149	ng		94
70) Pentachlorophenol	11.063	266	15015	35.333	ng		97
71) Phenanthrene	11.274	178	320677	38.270	ng		97
72) Anthracene	11.327	178	314445	37.663	ng		97
73) Carbazole	11.486	167	281157	38.640	ng		99
74) Di-n-butylphthalate	11.810	149	327552	37.803	ng		98
75) Fluoranthene	12.463	202	312785	37.094	ng		97
77) Benzidine	12.586	184	89680	52.063	ng	#	93
78) Pyrene	12.692	202	316441	40.334	ng		97
80) Butylbenzylphthalate	13.310	149	123716	39.712	ng		94
81) Benzo(a)anthracene	13.886	228	247770	39.985	ng		97
82) 3,3'-Dichlorobenzidine	13.845	252	76396	38.479	ng		94
83) Chrysene	13.921	228	240727	39.201	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	162721	38.984	ng	#	97
85) Di-n-octyl phthalate	14.486	149	259835	39.970	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.756	276	259578	40.055	ng		97
88) Benzo(b)fluoranthene	14.921	252	241620	38.801	ng		99
89) Benzo(k)fluoranthene	14.951	252	203061	35.643	ng		98
90) Benzo(a)pyrene	15.274	252	215644	38.970	ng		98
91) Dibenzo(a,h)anthracene	16.762	278	221716	39.719	ng		98
92) Benzo(g,h,i)perylene	17.180	276	215843	39.296	ng		99

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

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