Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126174.D
Acq On : 13 Nov 2021 18:17
Operator : JU/CG
Sample : M4593-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-108MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 09:59:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.833	152	129994	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	481011	20.000	ng	#	0.00
39) Acenaphthene-d10	9.874	164	216900	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	502345	20.000	ng		0.00
76) Chrysene-d12	13.998	240	349463	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	338581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	723927	95.634	ng		0.02
7) Phenol-d6	6.475	99	988967	92.679	ng		0.00
23) Nitrobenzene-d5	7.398	82	835815	81.947	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	342671	137.858	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1809409	112.732	ng		0.00
79) Terphenyl-d14	12.945	244	1559941	71.981	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	81296	25.828	ng	#	100
3) Pyridine	3.457	79	162089	19.137	ng		94
4) n-Nitrosodimethylamine	3.393	42	186771	31.446	ng	#	92
6) Aniline	6.492	93	193860	16.476	ng	#	69
8) 2-Chlorophenol	6.622	128	312445	38.627	ng		86
9) Benzaldehyde	6.381	77	133878	17.950	ng	#	85
10) Phenol	6.486	94	385660	35.346	ng		79
11) bis(2-Chloroethyl)ether	6.575	93	291006	36.617	ng		91
12) 1,3-Dichlorobenzene	6.775	146	387505	42.064	ng	#	94
13) 1,4-Dichlorobenzene	6.851	146	394044	41.947	ng		95
14) 1,2-Dichlorobenzene	7.004	146	377483	41.710	ng		95
15) Benzyl Alcohol	6.975	79	343167	37.656	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.110	45	518132	35.456	ng		90
17) 2-Methylphenol	7.092	107	280502	40.748	ng	#	89
18) Hexachloroethane	7.345	117	147129	41.689	ng	#	86
19) n-Nitroso-di-n-propyla...	7.251	70	272346	38.714	ng	#	81
20) 3+4-Methylphenols	7.245	107	339197	36.447	ng	#	59
22) Acetophenone	7.245	105	505782	36.407	ng	#	84
24) Nitrobenzene	7.416	77	433993	42.961	ng	#	83
25) Isophorone	7.657	82	717389	39.066	ng	#	87
26) 2-Nitrophenol	7.733	139	175899	49.101	ng	#	63
27) 2,4-Dimethylphenol	7.775	122	236255	35.287	ng	#	78
28) bis(2-Chloroethoxy)met...	7.869	93	410848	37.941	ng	#	97
29) 2,4-Dichlorophenol	7.975	162	307667	40.711	ng		95
30) 1,2,4-Trichlorobenzene	8.057	180	322862	35.037	ng		98
31) Naphthalene	8.139	128	998447	40.075	ng		98
32) Benzoic acid	7.898	122	146517	37.702	ng		84
33) 4-Chloroaniline	8.180	127	75437	7.576	ng	#	90
34) Hexachlorobutadiene	8.257	225	223443	35.225	ng		97
35) Caprolactam	8.557	113	57311m	27.233	ng		
36) 4-Chloro-3-methylphenol	8.669	107	331515	38.041	ng		86
37) 2-Methylnaphthalene	8.833	142	671893	39.047	ng		99
38) 1-Methylnaphthalene	8.927	142	676457	40.585	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	354543	48.775	ng		99
41) Hexachlorocyclopentadiene	8.986	237	392712	103.980	ng		96
43) 2,4,6-Trichlorophenol	9.110	196	250558	56.922	ng		98

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44) 2,4,5-Trichlorophenol	9.151	196	266817	56.110	ng		95
46) 1,1'-Biphenyl	9.298	154	732828	43.712	ng		100
47) 2-Chloronaphthalene	9.322	162	582521	44.144	ng		99
48) 2-Nitroaniline	9.416	65	187953	43.812	ng	#	79
49) Acenaphthylene	9.733	152	821115	41.146	ng		98
50) Dimethylphthalate	9.598	163	796083	50.413	ng	#	97
51) 2,6-Dinitrotoluene	9.657	165	130406	48.179	ng	#	72
52) Acenaphthene	9.910	154	502385	39.913	ng		97
53) 3-Nitroaniline	9.822	138	59315	21.376	ng	#	70
54) 2,4-Dinitrophenol	9.933	184	119702	82.613	ng		92
55) Dibenzofuran	10.080	168	762124	40.222	ng		98
56) 4-Nitrophenol	9.986	139	141565	64.644	ng	#	43
57) 2,4-Dinitrotoluene	10.063	165	168109	43.437	ng	#	98
58) Fluorene	10.421	166	788762	51.852	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	176377	43.801	ng	#	88
60) Diethylphthalate	10.298	149	730086	46.103	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	424265	52.150	ng		87
62) 4-Nitroaniline	10.439	138	133599	46.163	ng		85
63) Azobenzene	10.574	77	789057	45.888	ng		93
65) 4,6-Dinitro-2-methylph...	10.469	198	99656	42.380	ng		93
66) n-Nitrosodiphenylamine	10.533	169	626314	39.151	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	254164	41.772	ng		94
68) Hexachlorobenzene	10.968	284	281335	44.262	ng	#	91
69) Atrazine	11.057	200	224193	39.621	ng		92
70) Pentachlorophenol	11.163	266	289550	84.540	ng		95
71) Phenanthrene	11.380	178	1100178	40.385	ng		98
72) Anthracene	11.433	178	1107441	40.718	ng		98
73) Carbazole	11.586	167	851112	33.740	ng		99
74) Di-n-butylphthalate	11.921	149	1064508	36.217	ng		98
75) Fluoranthene	12.568	202	1042013	34.349	ng		95
77) Benzidine	12.686	184	196500	16.820	ng	#	95
78) Pyrene	12.798	202	1035209	36.938	ng		96
80) Butylbenzylphthalate	13.421	149	377876	37.017	ng	#	94
81) Benzo(a)anthracene	13.986	228	985329	41.043	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	175909	25.109	ng	#	96
83) Chrysene	14.027	228	912704	40.858	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	550533	38.912	ng		98
85) Di-n-octyl phthalate	14.598	149	738791	36.753	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1202924	60.024	ng	#	83
88) Benzo(b)fluoranthene	15.039	252	737121	33.470	ng	#	93
89) Benzo(k)fluoranthene	15.068	252	718576	33.636	ng	#	98
90) Benzo(a)pyrene	15.403	252	856523	49.366	ng	#	94
91) Dibenzo(a,h)anthracene	16.939	278	1024065	62.215	ng	#	91
92) Benzo(g,h,i)perylene	17.368	276	941562	59.645	ng	#	81

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

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