Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006779.D
Acq On : 19 Aug 2021 14:03
Operator : CG/JU
Sample : M3434-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 19 15:17:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SWCS-11-1015MSD

Manual Integrations APPROVED
mohammad
8/20/2021 2:24:30 PM
8/20/2021 2:24:30 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	215359	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	853260	20.000	ng		#-0.01
39) Acenaphthene-d10	14.340	164	430909	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	750465	20.000	ng		# 0.00
76) Chrysene-d12	21.210	240	570067	20.000	ng		# 0.00
86) Perylene-d12	23.522	264	600274	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1990553	141.966	ng		0.00
7) Phenol-d6	6.893	99	2419805	121.491	ng		0.00
23) Nitrobenzene-d5	8.864	82	1672432	90.471	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	636345	141.301	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2731342	94.833	ng		0.00
79) Terphenyl-d14	19.681	244	2728118	95.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	249328	40.844	ng		97
3) Pyridine	3.640	79	583663	32.531	ng		97
4) n-Nitrosodimethylamine	3.552	42	261349	38.594	ng	#	75
6) Aniline	7.040	93	729587	33.722	ng		97
8) 2-Chlorophenol	7.269	128	693337	45.702	ng		95
9) Benzaldehyde	6.852	77	475653	39.678	ng		96
10) Phenol	6.917	94	850559	42.588	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	667660	44.027	ng		94
12) 1,3-Dichlorobenzene	7.587	146	742382	46.952	ng		98
13) 1,4-Dichlorobenzene	7.734	146	759133	47.307	ng		98
14) 1,2-Dichlorobenzene	8.046	146	716942	46.560	ng		97
15) Benzyl Alcohol	7.952	79	636583	42.619	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	737253	40.854	ng		95
17) 2-Methylphenol	8.152	107	558522	44.288	ng		100
18) Hexachloroethane	8.764	117	310162	48.832	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	536631	40.159	ng		96
20) 3+4-Methylphenols	8.481	107	738492	43.023	ng		96
22) Acetophenone	8.528	105	1034721	45.728	ng	#	98
24) Nitrobenzene	8.905	77	812314	42.272	ng		93
25) Isophorone	9.428	82	1367854	41.197	ng		95
26) 2-Nitrophenol	9.605	139	352815	50.450	ng		93
27) 2,4-Dimethylphenol	9.675	122	595167	50.823	ng		97
28) bis(2-Chloroethoxy)met...	9.916	93	847216	47.689	ng		98
29) 2,4-Dichlorophenol	10.140	162	546687	46.110	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	595520	46.744	ng		96
31) Naphthalene	10.534	128	2043522	44.570	ng		99
32) Benzoic acid	9.846	122	404214	44.618	ng		92
33) 4-Chloroaniline	10.658	127	161681	8.714	ng		94
34) Hexachlorobutadiene	10.810	225	368532	49.640	ng		98
35) Caprolactam	11.475	113	172909	40.445	ng	#	69
36) 4-Chloro-3-methylphenol	11.793	107	638061	42.358	ng		90
37) 2-Methylnaphthalene	12.152	142	1355574	43.631	ng		99
38) 1-Methylnaphthalene	12.369	142	1234765	41.821	ng		97
40) 1,2,4,5-Tetrachloroben...	12.522	216	585817	51.943	ng	#	95
41) Hexachlorocyclopentadiene	12.499	237	777803	130.032	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	387530	50.323	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	405940	47.622	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1537301	47.134	ng		97
47) 2-Chloronaphthalene	13.210	162	1188868	47.334	ng		94
48) 2-Nitroaniline	13.428	65	397638	44.860	ng	#	84
49) Acenaphthylene	14.063	152	1895156	46.794	ng		100
50) Dimethylphthalate	13.816	163	1418049	45.209	ng		99
51) 2,6-Dinitrotoluene	13.934	165	302782	43.259	ng	#	80
52) Acenaphthene	14.404	154	1101925	44.706	ng		97
53) 3-Nitroaniline	14.263	138	165024	21.268	ng		84
54) 2,4-Dinitrophenol	14.475	184	282624	77.216	ng	#	80
55) Dibenzofuran	14.746	168	1670655	43.091	ng		94
56) 4-Nitrophenol	14.587	139	536746	79.665	ng		88
57) 2,4-Dinitrotoluene	14.722	165	402534	42.884	ng	#	77
58) Fluorene	15.393	166	1342966	43.337	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	316950	44.369	ng	#	71
60) Diethylphthalate	15.187	149	1474633	44.760	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	636507	45.356	ng		91
62) 4-Nitroaniline	15.434	138	280015m	34.008	ng		
63) Azobenzene	15.687	77	1628299	42.392	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	176560	38.504	ng		71
66) n-Nitrosodiphenylamine	15.616	169	1107234	46.940	ng		99
67) 4-Bromophenyl-phenylether	16.293	248	365646	50.779	ng	#	86
68) Hexachlorobenzene	16.398	284	396955	48.443	ng	#	86
69) Atrazine	16.581	200	371504	50.472	ng		95
70) Pentachlorophenol	16.751	266	495541	95.314	ng		99
71) Phenanthrene	17.145	178	1876776	44.336	ng		99
72) Anthracene	17.234	178	1922001	46.989	ng		99
73) Carbazole	17.516	167	1674683	40.140	ng		99
74) Di-n-butylphthalate	18.081	149	2377210	50.011	ng		99
75) Fluoranthene	19.122	202	1920761	40.427	ng		95
77) Benzidine	19.316	184	903616	63.345	ng		99
78) Pyrene	19.475	202	1932105	50.741	ng		99
80) Butylbenzylphthalate	20.369	149	959192	57.286	ng		89
81) Benzo(a)anthracene	21.192	228	1673246	44.912	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	530209	54.210	ng	#	99
83) Chrysene	21.245	228	1605565	44.453	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1425195	56.641	ng	#	95
85) Di-n-octyl phthalate	22.033	149	2351344	56.696	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.916	276	2360245	54.226	ng	#	90
88) Benzo(b)fluoranthene	22.822	252	1732430	44.406	ng	#	97
89) Benzo(k)fluoranthene	22.869	252	1617893	43.193	ng	#	97
90) Benzo(a)pyrene	23.422	252	1690756	48.318	ng	#	95
91) Dibenzo(a,h)anthracene	25.933	278	2005432	53.289	ng	#	93
92) Benzo(g,h,i)perylene	26.651	276	2023435	56.108	ng	#	91

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

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