Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004078.D
Acq On : 24 Nov 2020 16:19
Operator : CG/JU
Sample : L4874-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11933MSD

Manual Integrations APPROVED
mohammad
11/25/2020 1:21:53 PM

Quant Time: Nov 24 17:07:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	118377	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	456383	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	275184	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	552731	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	515579	20.00	ng	0.00
86) Perylene-d12	24.127	264	531001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	785822	110.79	ng	0.00
7) Phenol-d6	7.452	99	1020214	100.20	ng	0.00
23) Nitrobenzene-d5	9.434	82	640025	68.68	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	359298	104.39	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1281407	65.10	ng	0.00
79) Terphenyl-d14	20.116	244	1537205	57.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	113118	36.97	ng	# 63
3) Pyridine	3.922	79	331434	36.93	ng	# 64
4) n-Nitrosodimethylamine	3.822	42	174028	42.12	ng	# 56
6) Aniline	7.569	93	200801	17.37	ng	# 85
8) 2-Chlorophenol	7.840	128	353835	46.99	ng	# 81
9) Benzaldehyde	7.369	77	43503	6.50	ng	# 79
10) Phenol	7.481	94	513965	52.31	ng	82
11) bis(2-Chloroethyl)ether	7.658	93	345347	43.73	ng	# 82
12) 1,3-Dichlorobenzene	8.158	146	393512	42.64	ng	# 94
13) 1,4-Dichlorobenzene	8.299	146	397890	42.76	ng	95
14) 1,2-Dichlorobenzene	8.634	146	380821	42.85	ng	97
15) Benzyl Alcohol	8.505	79	323727	45.90	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	521990	39.25	ng	82
17) 2-Methylphenol	8.740	107	297384	46.10	ng	# 93
18) Hexachloroethane	9.375	117	145987	44.15	ng	99
19) n-Nitroso-di-n-propyla...	9.069	70	266312	43.76	ng	# 77
20) 3+4-Methylphenols	9.069	107	393592	45.71	ng	# 82
22) Acetophenone	9.087	105	515923	42.12	ng	# 84
24) Nitrobenzene	9.475	77	400084	43.20	ng	# 81
25) Isophorone	9.999	82	713767	45.09	ng	# 90
26) 2-Nitrophenol	10.199	139	192068	53.12	ng	# 76
27) 2,4-Dimethylphenol	10.269	122	319248	52.93	ng	94
28) bis(2-Chloroethoxy)met...	10.469	93	436244	40.17	ng	97
29) 2,4-Dichlorophenol	10.763	162	332192	45.71	ng	95
30) 1,2,4-Trichlorobenzene	10.963	180	370568	41.85	ng	98
31) Naphthalene	11.146	128	1042206	42.56	ng	100
32) Benzoic acid	10.452	122	111835	30.15	ng	# 80
33) 4-Chloroaniline	11.240	127	176888	17.00	ng	# 90
34) Hexachlorobutadiene	11.452	225	235957	40.85	ng	98
35) Caprolactam	11.993	113	102565	45.64	ng	# 13
36) 4-Chloro-3-methylphenol	12.381	107	350498	44.67	ng	89
37) 2-Methylnaphthalene	12.734	142	743482	42.42	ng	98
38) 1-Methylnaphthalene	12.951	142	689894	41.27	ng	99
40) 1,2,4,5-Tetrachloroben...	13.116	216	409884	45.01	ng	99
41) Hexachlorocyclopentadiene	13.104	237	273784	59.59	ng	98
43) 2,4,6-Trichlorophenol	13.346	196	255108	45.31	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	270439	45.62	ng		96
46) 1,1'-Biphenyl	13.722	154	928217	43.45	ng		98
47) 2-Chloronaphthalene	13.769	162	741827	42.32	ng		99
48) 2-Nitroaniline	13.957	65	233290	44.61	ng	#	61
49) Acenaphthylene	14.610	152	1131020	43.94	ng		100
50) Dimethylphthalate	14.322	163	945863	43.97	ng		99
51) 2,6-Dinitrotoluene	14.440	165	203864	46.19	ng	#	76
52) Acenaphthene	14.951	154	757969m	44.21	ng		
53) 3-Nitroaniline	14.775	138	121690	24.91	ng	#	78
54) 2,4-Dinitrophenol	14.993	184	124482	57.58	ng	#	86
55) Dibenzofuran	15.281	168	1092070	42.87	ng		99
56) 4-Nitrophenol	15.122	139	291863	82.89	ng	#	65
57) 2,4-Dinitrotoluene	15.234	165	275549	46.50	ng	#	78
58) Fluorene	15.928	166	864571	42.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	224995	42.10	ng		97
60) Diethylphthalate	15.669	149	870626	41.34	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	457943	41.08	ng		97
62) 4-Nitroaniline	15.934	138	181601	35.66	ng		86
63) Azobenzene	16.198	77	793606	39.91	ng		87
65) 4,6-Dinitro-2-methylph...	16.010	198	116785	40.40	ng		85
66) n-Nitrosodiphenylamine	16.116	169	757928	44.79	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	278457	43.06	ng		98
68) Hexachlorobenzene	16.963	284	311577	42.22	ng		98
69) Atrazine	17.051	200	228516	41.14	ng		97
70) Pentachlorophenol	17.298	266	259947	73.64	ng		100
71) Phenanthrene	17.663	178	1380402	44.50	ng		98
72) Anthracene	17.751	178	1375316	45.90	ng		98
73) Carbazole	18.010	167	1207877	43.46	ng		98
74) Di-n-butylphthalate	18.522	149	1450183	45.07	ng		99
75) Fluoranthene	19.598	202	1641097	45.85	ng		99
77) Benzidine	19.745	184	609682	50.13	ng		99
78) Pyrene	19.951	202	1659950	47.44	ng		99
80) Butylbenzylphthalate	20.763	149	623974	47.86	ng	#	85
81) Benzo(a)anthracene	21.639	228	1523447	44.81	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	375925	32.05	ng		100
83) Chrysene	21.698	228	1462772	44.78	ng		97
84) Bis(2-ethylhexyl)phtha...	21.516	149	903089	47.00	ng		99
85) Di-n-octyl phthalate	22.439	149	1560250	48.74	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.692	276	1675824	43.75	ng		97
88) Benzo(b)fluoranthene	23.380	252	1591803	45.81	ng		99
89) Benzo(k)fluoranthene	23.427	252	1381721	40.27	ng		98
90) Benzo(a)pyrene	24.021	252	1359547	42.26	ng		99
91) Dibenzo(a,h)anthracene	26.680	278	1407813	44.09	ng		97
92) Benzo(g,h,i)perylene	27.474	276	1421148	45.98	ng		97

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

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