Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
Data File : BP003751.D
Acq On : 27 Oct 2020 12:57
Operator : CG/JU
Sample : PB132578BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132578BS

Manual Integrations APPROVED
mohammad
10/28/2020 10:42:53 AM

Quant Time: Oct 27 13:37:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	134030	20.00	ng	0.00
21) Naphthalene-d8	11.357	136	475537	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	310385	20.00	ng	0.00
64) Phenanthrene-d10	17.833	188	684886	20.00	ng	0.00
76) Chrysene-d12	21.851	240	708123	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	581757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.010	112	886294	110.58	ng	0.00
7) Phenol-d6	7.663	99	1165656	102.93	ng	0.00
23) Nitrobenzene-d5	9.675	82	691383	61.50	ng	0.00
42) 2,4,6-Tribromophenol	16.586	330	519475	107.28	ng	0.00
45) 2-Fluorobiphenyl	13.739	172	1521283	63.36	ng	0.00
79) Terphenyl-d14	20.298	244	2449790	60.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	143928	42.03	ng	# 89
3) Pyridine	4.111	79	327464	33.81	ng	91
4) n-Nitrosodimethylamine	4.005	42	146702	35.51	ng	# 70
6) Aniline	7.810	93	384434	30.59	ng	91
8) 2-Chlorophenol	8.075	128	344475	43.17	ng	84
9) Benzaldehyde	7.605	77	90865	13.01	ng	# 76
10) Phenol	7.693	94	460946	42.74	ng	83
11) bis(2-Chloroethyl)ether	7.893	93	357491	41.77	ng	92
12) 1,3-Dichlorobenzene	8.404	146	406244	39.48	ng	# 93
13) 1,4-Dichlorobenzene	8.546	146	412210	39.66	ng	# 94
14) 1,2-Dichlorobenzene	8.881	146	391421	39.75	ng	95
15) Benzyl Alcohol	8.740	79	340200	39.30	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	9.034	45	325946	38.43	ng	98
17) 2-Methylphenol	8.963	107	303730	42.52	ng	# 92
18) Hexachloroethane	9.634	117	154483	38.57	ng	94
19) n-Nitroso-di-n-propyla...	9.310	70	265975	38.44	ng	# 87
20) 3+4-Methylphenols	9.287	107	402143	41.82	ng	94
22) Acetophenone	9.328	105	548277	39.40	ng	# 91
24) Nitrobenzene	9.722	77	418079	38.63	ng	# 78
25) Isophorone	10.246	82	731511	40.38	ng	# 91
26) 2-Nitrophenol	10.446	139	183656	45.44	ng	# 69
27) 2,4-Dimethylphenol	10.504	122	310187	48.86	ng	88
28) bis(2-Chloroethoxy)met...	10.716	93	442018	38.25	ng	# 97
29) 2,4-Dichlorophenol	10.998	162	346991	41.67	ng	95
30) 1,2,4-Trichlorobenzene	11.222	180	410534	38.47	ng	99
31) Naphthalene	11.404	128	1032807	40.29	ng	100
32) Benzoic acid	10.646	122	173948	40.01	ng	# 68
33) 4-Chloroaniline	11.487	127	245034	23.19	ng	# 87
34) Hexachlorobutadiene	11.716	225	285996	35.52	ng	98
35) Caprolactam	12.216	113	101539	41.64	ng	# 65
36) 4-Chloro-3-methylphenol	12.592	107	367676	40.70	ng	85
37) 2-Methylnaphthalene	12.969	142	755371	40.61	ng	# 96
38) 1-Methylnaphthalene	13.187	142	693755m	39.45	ng	
40) 1,2,4,5-Tetrachloroben...	13.345	216	490679	39.92	ng	98
41) Hexachlorocyclopentadiene	13.339	237	541131	76.04	ng	99
43) 2,4,6-Trichlorophenol	13.563	196	297577	40.69	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	316958	41.71	ng		96
46) 1,1'-Biphenyl	13.945	154	965712	39.90	ng		98
47) 2-Chloronaphthalene	13.998	162	774792	38.28	ng		99
48) 2-Nitroaniline	14.175	65	215841	36.11	ng	#	65
49) Acenaphthylene	14.834	152	1140961	39.49	ng		99
50) Dimethylphthalate	14.534	163	960553	37.66	ng		99
51) 2,6-Dinitrotoluene	14.651	165	211881	40.85	ng	#	76
52) Acenaphthene	15.175	154	835868	42.86	ng		88
53) 3-Nitroaniline	14.981	138	129783	25.49	ng	#	69
54) 2,4-Dinitrophenol	15.181	184	222571	75.98	ng	#	1
55) Dibenzofuran	15.498	168	1166835	39.57	ng		99
56) 4-Nitrophenol	15.292	139	327419	85.93	ng	#	53
57) 2,4-Dinitrotoluene	15.434	165	290150	41.34	ng	#	76
58) Fluorene	16.145	166	941431	39.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.733	232	297816	40.87	ng		90
60) Diethylphthalate	15.881	149	929894	37.22	ng		97
61) 4-Chlorophenyl-phenyle...	16.116	204	543716	37.80	ng		95
62) 4-Nitroaniline	16.133	138	189764	33.60	ng	#	67
63) Azobenzene	16.410	77	867757	36.95	ng		88
65) 4,6-Dinitro-2-methylph...	16.204	198	163090	45.17	ng		95
66) n-Nitrosodiphenylamine	16.328	169	821379	40.29	ng		99
67) 4-Bromophenyl-phenylether	17.010	248	354980	38.71	ng		94
68) Hexachlorobenzene	17.175	284	404815	38.36	ng		95
69) Atrazine	17.251	200	262006	32.95	ng		97
70) Pentachlorophenol	17.498	266	472553	90.67	ng		98
71) Phenanthrene	17.875	178	1492979	39.23	ng		99
72) Anthracene	17.963	178	1503514	40.90	ng		99
73) Carbazole	18.204	167	1309905	40.05	ng		99
74) Di-n-butylphthalate	18.710	149	1542313	38.64	ng	#	98
75) Fluoranthene	19.786	202	1847252	39.51	ng		99
77) Benzidine	19.927	184	424589	25.02	ng		100
78) Pyrene	20.133	202	1868649	39.40	ng		98
80) Butylbenzylphthalate	20.939	149	663998	38.22	ng	#	83
81) Benzo(a)anthracene	21.827	228	1835209	38.87	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	563314	34.07	ng	#	99
83) Chrysene	21.886	228	1770193	39.55	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	971447	39.06	ng		98
85) Di-n-octyl phthalate	22.657	149	1633604	40.47	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.103	276	2132661	51.08	ng	#	92
88) Benzo(b)fluoranthene	23.633	252	1962972	48.36	ng	#	98
89) Benzo(k)fluoranthene	23.686	252	1765025	45.56	ng	#	96
90) Benzo(a)pyrene	24.310	252	1650210	45.59	ng	#	97
91) Dibenzo(a,h)anthracene	27.109	278	1831524	52.48	ng	#	94
92) Benzo(g,h,i)perylene	27.933	276	1786746	55.23	ng	#	92

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

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