Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003559.D
Acq On : 07 Oct 2020 18:51
Operator : CG/JU
Sample : L4260-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-0-10MS

Manual Integrations APPROVED
mohammad
10/8/2020 12:29:52 PM

Quant Time: Oct 08 01:50:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.493	152	94117	20.00	ng		0.00
21) Naphthalene-d8	10.263	136	364555	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	205384	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	383375	20.00	ng		# 0.00
76) Chrysene-d12	21.022	240	312685	20.00	ng		0.00
86) Perylene-d12	23.186	264	356697	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.111	112	596489	110.67	ng		0.00
7) Phenol-d6	6.699	99	714073	99.39	ng		0.00
23) Nitrobenzene-d5	8.646	82	644554	103.87	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	325993	104.07	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	1245679	88.70	ng		-0.01
79) Terphenyl-d14	19.498	244	1384305	92.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.023	88	73308	33.10	ng	#	52
3) Pyridine	3.417	79	116401	19.74	ng		94
4) n-Nitrosodimethylamine	3.323	42	76381	43.30	ng		78
6) Aniline	6.834	93	85261	10.33	ng	#	89
8) 2-Chlorophenol	7.069	128	273655	45.58	ng		90
9) Benzaldehyde	6.646	77	59186	14.77	ng		82
10) Phenol	6.728	94	292455	42.62	ng		83
11) bis(2-Chloroethyl)ether	6.928	93	262987	48.36	ng		94
12) 1,3-Dichlorobenzene	7.381	146	306724	42.74	ng	#	93
13) 1,4-Dichlorobenzene	7.528	146	309292	42.60	ng	#	95
14) 1,2-Dichlorobenzene	7.840	146	296972	42.61	ng		96
15) Benzyl Alcohol	7.746	79	252925	52.98	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.028	45	197985	50.07	ng		88
17) 2-Methylphenol	7.963	107	226164	45.58	ng	#	92
18) Hexachloroethane	8.552	117	121374	44.86	ng		94
19) n-Nitroso-di-n-propyla...	8.305	70	185582	48.22	ng	#	94
20) 3+4-Methylphenols	8.299	107	284676	43.11	ng	#	77
22) Acetophenone	8.316	105	391732	43.75	ng	#	93
24) Nitrobenzene	8.687	77	316846	51.03	ng	#	82
25) Isophorone	9.210	82	560632	49.30	ng	#	90
26) 2-Nitrophenol	9.399	139	150420	44.36	ng	#	75
27) 2,4-Dimethylphenol	9.481	122	244719	51.03	ng		87
28) bis(2-Chloroethoxy)met...	9.693	93	344511	45.51	ng		97
29) 2,4-Dichlorophenol	9.952	162	250452	41.79	ng		93
30) 1,2,4-Trichlorobenzene	10.140	180	281622	39.61	ng		98
31) Naphthalene	10.316	128	836231	43.42	ng		99
32) Benzoic acid	9.710	122	44053	19.54	ng	#	81
33) 4-Chloroaniline	10.469	127	23262	2.84	ng	#	92
34) Hexachlorobutadiene	10.605	225	185044	38.13	ng		99
35) Caprolactam	11.234	113	54075	27.04	ng		87
36) 4-Chloro-3-methylphenol	11.604	107	270380	41.85	ng		86
37) 2-Methylnaphthalene	11.940	142	576909	41.35	ng	#	96
38) 1-Methylnaphthalene	12.163	142	533417m	40.27	ng		
40) 1,2,4,5-Tetrachloroben...	12.328	216	304756	45.32	ng	#	98
41) Hexachlorocyclopentadiene	12.304	237	161734	71.00	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	182506	41.98	ng		100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	186923	41.79	ng	#	94
46) 1,1'-Biphenyl	12.975	154	707747	46.20	ng		98
47) 2-Chloronaphthalene	13.016	162	548215	43.22	ng		96
48) 2-Nitroaniline	13.234	65	152915	47.63	ng	#	68
49) Acenaphthylene	13.869	152	831334	42.89	ng		99
50) Dimethylphthalate	13.622	163	694849	42.37	ng		99
51) 2,6-Dinitrotoluene	13.740	165	145446	41.37	ng	#	69
52) Acenaphthene	14.216	154	504109	42.74	ng		99
53) 3-Nitroaniline	14.087	138	33029	8.67	ng	#	68
54) 2,4-Dinitrophenol	14.316	184	92135	57.62	ng	#	77
55) Dibenzofuran	14.557	168	779877	41.43	ng		93
56) 4-Nitrophenol	14.440	139	136141	58.47	ng	#	57
57) 2,4-Dinitrotoluene	14.551	165	189706	38.91	ng	#	51
58) Fluorene	15.204	166	598581	40.26	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	154194	36.67	ng		96
60) Diethylphthalate	14.993	149	652336	39.00	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	315582	38.88	ng		96
62) 4-Nitroaniline	15.251	138	112020	27.71	ng	#	67
63) Azobenzene	15.498	77	616206	48.32	ng		89
65) 4,6-Dinitro-2-methylph...	15.334	198	81854	40.46	ng		88
66) n-Nitrosodiphenylamine	15.422	169	541463	48.08	ng		99
67) 4-Bromophenyl-phenylether	16.098	248	203474	43.91	ng	#	91
68) Hexachlorobenzene	16.228	284	232415	42.22	ng		94
69) Atrazine	16.392	200	137319	31.09	ng		98
70) Pentachlorophenol	16.587	266	157993	67.97	ng		99
71) Phenanthrene	16.951	178	911598	43.70	ng		99
72) Anthracene	17.045	178	930713	45.27	ng		100
73) Carbazole	17.322	167	807432	41.35	ng		99
74) Di-n-butylphthalate	17.886	149	1018526	40.80	ng	#	98
75) Fluoranthene	18.939	202	986952	37.63	ng		99
77) Benzidine	19.139	184	76083	7.85	ng		99
78) Pyrene	19.292	202	997497	51.15	ng		100
80) Butylbenzylphthalate	20.175	149	398564	44.67	ng	#	84
81) Benzo(a)anthracene	21.004	228	867571	42.92	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	155401	19.89	ng		98
83) Chrysene	21.057	228	822887	42.37	ng		100
84) Bis(2-ethylhexyl)phtha...	20.939	149	558957	44.50	ng		99
85) Di-n-octyl phthalate	21.786	149	936299	40.80	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.392	276	1328937	49.15	ng		97
88) Benzo(b)fluoranthene	22.539	252	998588	44.33	ng		99
89) Benzo(k)fluoranthene	22.580	252	909344	42.12	ng		99
90) Benzo(a)pyrene	23.092	252	902174	42.48	ng		99
91) Dibenzo(a,h)anthracene	25.392	278	1109660	49.74	ng	#	97
92) Benzo(g,h,i)perylene	26.057	276	1165148	52.31	ng		98

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

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