Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004583.D
Acq On : 15 Jan 2021 18:54
Operator : CG/JU
Sample : M1124-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Manual Integrations APPROVED
mohammad
1/18/2021 3:36:22 PM

Quant Time: Jan 15 21:59:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	214786	20.00	ng		-0.01
21) Naphthalene-d8	10.599	136	822535	20.00	ng		#-0.01
39) Acenaphthene-d10	14.457	164	497780	20.00	ng		-0.01
64) Phenanthrene-d10	17.228	188	948095	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	816131	20.00	ng		# 0.00
86) Perylene-d12	23.698	264	1155819	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1234072	100.14	ng		0.00
7) Phenol-d6	6.987	99	1525664	90.39	ng		0.00
23) Nitrobenzene-d5	8.963	82	880257	60.50	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	790906	91.39	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2372654	61.96	ng		0.00
79) Terphenyl-d14	19.792	244	2834780	63.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	164968	33.11	ng		93
3) Pyridine	3.711	79	455753	34.14	ng		96
4) n-Nitrosodimethylamine	3.628	42	160441	38.01	ng		94
6) Aniline	7.134	93	270069	14.07	ng		95
8) 2-Chlorophenol	7.375	128	584126	41.74	ng		95
9) Benzaldehyde	6.946	77	76094	7.62	ng		91
10) Phenol	7.011	94	699919	43.25	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	516585	39.89	ng		96
12) 1,3-Dichlorobenzene	7.693	146	676959	39.12	ng		98
13) 1,4-Dichlorobenzene	7.840	146	683854	39.07	ng		99
14) 1,2-Dichlorobenzene	8.158	146	652140	39.01	ng		100
15) Benzyl Alcohol	8.046	79	430121	39.33	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	504018	36.69	ng		94
17) 2-Methylphenol	8.258	107	460710	40.35	ng		98
18) Hexachloroethane	8.881	117	231756	38.31	ng		96
19) n-Nitroso-di-n-propyla...	8.610	70	345024	36.45	ng		95
20) 3+4-Methylphenols	8.587	107	618255	39.68	ng		97
22) Acetophenone	8.628	105	787854	38.80	ng	#	97
24) Nitrobenzene	9.005	77	547747	38.48	ng		93
25) Isophorone	9.528	82	1004196	38.28	ng		95
26) 2-Nitrophenol	9.716	139	328824	41.90	ng		95
27) 2,4-Dimethylphenol	9.781	122	505319	46.50	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	654995	36.38	ng		99
29) 2,4-Dichlorophenol	10.263	162	581083	40.26	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	666591	38.39	ng		98
31) Naphthalene	10.652	128	1815854	40.19	ng		100
32) Benzoic acid	9.946	122	361676	41.28	ng		91
33) 4-Chloroaniline	10.769	127	204996	10.51	ng		97
34) Hexachlorobutadiene	10.934	225	423063	36.26	ng		99
35) Caprolactam	11.546	113	171646	37.25	ng	#	74
36) 4-Chloro-3-methylphenol	11.910	107	534914	38.92	ng		100
37) 2-Methylnaphthalene	12.269	142	1325003	39.89	ng		100
38) 1-Methylnaphthalene	12.487	142	1230010	39.01	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	758692	42.43	ng		99
41) Hexachlorocyclopentadiene	12.616	237	377373	48.59	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	486754	41.82	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	515358	42.61	ng		98
46)	1,1'-Biphenyl	13.287	154	1641924	41.26	ng		99
47)	2-Chloronaphthalene	13.328	162	1317938	40.02	ng		98
48)	2-Nitroaniline	13.534	65	289260	37.98	ng		84
49)	Acenaphthylene	14.181	152	1967427	39.98	ng		99
50)	Dimethylphthalate	13.916	163	1557723	37.76	ng		99
51)	2,6-Dinitrotoluene	14.040	165	378895	43.09	ng		98
52)	Acenaphthene	14.522	154	1168315	38.95	ng		99
53)	3-Nitroaniline	14.369	138	183985	19.22	ng	#	97
54)	2,4-Dinitrophenol	14.592	184	371372	64.39	ng		96
55)	Dibenzofuran	14.863	168	1900797	39.14	ng		96
56)	4-Nitrophenol	14.698	139	546304	82.22	ng		85
57)	2,4-Dinitrotoluene	14.840	165	465970	38.76	ng	#	98
58)	Fluorene	15.516	166	1473819	38.01	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.098	232	442099	38.94	ng	#	92
60)	Diethylphthalate	15.287	149	1439575	35.69	ng		95
61)	4-Chlorophenyl-phenyle...	15.510	204	811104	37.01	ng		94
62)	4-Nitroaniline	15.539	138	242887	24.03	ng		93
63)	Azobenzene	15.804	77	1053609	34.50	ng		96
65)	4,6-Dinitro-2-methylph...	15.610	198	256119	46.38	ng		82
66)	n-Nitrosodiphenylamine	15.728	169	1412971	48.07	ng		95
67)	4-Bromophenyl-phenylether	16.410	248	525243	41.45	ng		97
68)	Hexachlorobenzene	16.534	284	635312	41.97	ng		100
69)	Atrazine	16.686	200	408526	39.52	ng		88
70)	Pentachlorophenol	16.886	266	649437	95.61	ng		99
71)	Phenanthrene	17.269	178	2213282m	40.72	ng		
72)	Anthracene	17.363	178	2222711	42.20	ng		97
73)	Carbazole	17.634	167	1896120	38.62	ng		96
74)	Di-n-butylphthalate	18.186	149	2215955	37.35	ng		97
75)	Fluoranthene	19.251	202	2566446	38.80	ng		96
77)	Benzidine	19.422	184	469952	22.01	ng	#	77
78)	Pyrene	19.604	202	2595156	46.73	ng		98
80)	Butylbenzylphthalate	20.469	149	882311	39.28	ng	#	95
81)	Benzo(a)anthracene	21.316	228	2122354	38.23	ng		99
82)	3,3'-Dichlorobenzidine	21.239	252	153381	7.67	ng	#	85
83)	Chrysene	21.369	228	2118113	40.09	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.227	149	2759419	86.04	ng	#	93
85)	Di-n-octyl phthalate	22.139	149	2168690	39.82	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.145	276	4109899	46.08	ng	#	94
88)	Benzo(b)fluoranthene	22.980	252	2817210	37.66	ng	#	89
89)	Benzo(k)fluoranthene	23.027	252	2615255	36.66	ng	#	93
90)	Benzo(a)pyrene	23.598	252	2675629	38.34	ng	#	91
91)	Dibenzo(a,h)anthracene	26.151	278	3429963	46.60	ng		99
92)	Benzo(g,h,i)perylene	26.892	276	3540092	48.84	ng	#	95

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

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