Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004500.D
Acq On : 12 Jan 2021 11:49
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/13/2021 3:14:40 PM

Quant Time: Jan 12 13:02:21 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 12:59:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	175187	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	693306	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	466106	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1036039	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1097321	20.00	ng		0.00
86) Perylene-d12	23.674	264	1182835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	409131	38.27	ng		0.00
7) Phenol-d6	6.987	99	565341	37.56	ng		0.00
23) Nitrobenzene-d5	8.969	82	493055	33.81	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	317896	51.11	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	1445568	39.31	ng		0.00
79) Terphenyl-d14	19.792	244	2519028	44.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	81779	16.14	ng		91
3) Pyridine	3.728	79	222138	16.16	ng		95
4) n-Nitrosodimethylamine	3.640	42	69113	15.57	ng	#	87
6) Aniline	7.140	93	324080	18.68	ng		95
8) 2-Chlorophenol	7.381	128	232564	20.38	ng		94
9) Benzaldehyde	6.958	77	114156m	12.17	ng		
10) Phenol	7.011	94	270974	18.22	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	216290	17.49	ng		94
12) 1,3-Dichlorobenzene	7.705	146	287089	19.52	ng		97
13) 1,4-Dichlorobenzene	7.852	146	289116	19.53	ng		100
14) 1,2-Dichlorobenzene	8.164	146	277773	19.80	ng		98
15) Benzyl Alcohol	8.052	79	181953	19.45	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.346	45	230394	14.61	ng		94
17) 2-Methylphenol	8.258	107	190841	20.12	ng		98
18) Hexachloroethane	8.893	117	99088	18.49	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	159738	17.94	ng		91
20) 3+4-Methylphenols	8.587	107	257756	20.45	ng		97
22) Acetophenone	8.634	105	344545	18.41	ng	#	96
24) Nitrobenzene	9.011	77	239814	16.69	ng		89
25) Isophorone	9.534	82	445617	18.59	ng		95
26) 2-Nitrophenol	9.728	139	130704	25.15	ng	#	92
27) 2,4-Dimethylphenol	9.787	122	183566	20.29	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	306661	17.98	ng		99
29) 2,4-Dichlorophenol	10.263	162	241975	22.76	ng		100
30) 1,2,4-Trichlorobenzene	10.475	180	290067	20.40	ng		99
31) Naphthalene	10.663	128	764246	19.40	ng		100
32) Benzoic acid	9.905	122	130131	24.66	ng		89
33) 4-Chloroaniline	10.769	127	334609	21.03	ng		97
34) Hexachlorobutadiene	10.946	225	193384	21.71	ng		100
35) Caprolactam	11.534	113	78099	22.36	ng	#	79
36) 4-Chloro-3-methylphenol	11.904	107	234323	21.97	ng		99
37) 2-Methylnaphthalene	12.275	142	564890	20.52	ng		99
38) 1-Methylnaphthalene	12.499	142	536106	20.52	ng		98
40) 1,2,4,5-Tetrachloroben...	12.652	216	326831	19.39	ng		99
41) Hexachlorocyclopentadiene	12.628	237	111869	13.23	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	213168	22.74	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	221306	21.83	ng		98
46)	1,1'-Biphenyl	13.293	154	742219	18.85	ng		99
47)	2-Chloronaphthalene	13.334	162	614097	19.00	ng		98
48)	2-Nitroaniline	13.540	65	142298	17.15	ng		82
49)	Acenaphthylene	14.187	152	924573	19.45	ng		99
50)	Dimethylphthalate	13.916	163	776914	20.26	ng		100
51)	2,6-Dinitrotoluene	14.040	165	166180	20.61	ng		93
52)	Acenaphthene	14.528	154	564018	19.01	ng		99
53)	3-Nitroaniline	14.369	138	179251	20.30	ng		91
54)	2,4-Dinitrophenol	14.593	184	70148	21.57	ng		94
55)	Dibenzofuran	14.869	168	921547	19.63	ng		97
56)	4-Nitrophenol	14.693	139	125643	19.01	ng		91
57)	2,4-Dinitrotoluene	14.840	165	225001	21.21	ng		93
58)	Fluorene	15.522	166	740594	20.10	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.098	232	214859	23.02	ng	#	90
60)	Diethylphthalate	15.287	149	765647	20.81	ng		99
61)	4-Chlorophenyl-phenyle...	15.510	204	413448	20.62	ng		94
62)	4-Nitroaniline	15.540	138	193297	20.98	ng		95
63)	Azobenzene	15.804	77	582684	16.63	ng		94
65)	4,6-Dinitro-2-methylph...	15.610	198	109221	23.15	ng		95
66)	n-Nitrosodiphenylamine	15.728	169	649448	19.89	ng		99
67)	4-Bromophenyl-phenylether	16.410	248	274381	21.25	ng		95
68)	Hexachlorobenzene	16.534	284	328384	21.32	ng		97
69)	Atrazine	16.687	200	227471	21.53	ng		97
70)	Pentachlorophenol	16.881	266	134804	18.46	ng		94
71)	Phenanthrene	17.269	178	1207638	19.39	ng		100
72)	Anthracene	17.357	178	1179801	20.05	ng		100
73)	Carbazole	17.634	167	1097084	20.13	ng		98
74)	Di-n-butylphthalate	18.181	149	1320769	22.34	ng		99
75)	Fluoranthene	19.245	202	1480474	20.69	ng		99
77)	Benzidine	19.416	184	612952	32.28	ng		99
78)	Pyrene	19.598	202	1516468	20.28	ng		99
80)	Butylbenzylphthalate	20.463	149	613450	25.60	ng		93
81)	Benzo(a)anthracene	21.304	228	1514868	20.10	ng		99
82)	3,3'-Dichlorobenzidine	21.233	252	532389	24.95	ng		98
83)	Chrysene	21.357	228	1440986	19.85	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.228	149	875930	23.74	ng		98
85)	Di-n-octyl phthalate	22.133	149	1488556	25.99	ng	#	97
87)	Indeno(1,2,3-cd)pyrene	26.104	276	1894259	20.95	ng		96
88)	Benzo(b)fluoranthene	22.963	252	1608706	20.64	ng		99
89)	Benzo(k)fluoranthene	23.010	252	1493151	19.29	ng		98
90)	Benzo(a)pyrene	23.569	252	1482934	20.87	ng		98
91)	Dibenzo(a,h)anthracene	26.110	278	1567183	21.08	ng		97
92)	Benzo(g,h,i)perylene	26.845	276	1530312	21.08	ng		95

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

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