Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032321\
Data File : BP005027.D
Acq On : 23 Mar 2021 16:23
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/24/2021 1:57:14 PM

Quant Time: Mar 23 16:51:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:16:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	35460	20.00	ng		# 0.00
21) Naphthalene-d8	10.510	136	128730	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	82640	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	174813	20.00	ng		# 0.00
76) Chrysene-d12	21.233	240	179445	20.00	ng		0.00
86) Perylene-d12	23.516	264	171579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	331096	147.50	ng		0.00
7) Phenol-d6	6.905	99	488348	160.15	ng		0.00
23) Nitrobenzene-d5	8.887	82	460854	190.58	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	170394	146.00	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	934563	155.06	ng		0.00
79) Terphenyl-d14	19.710	244	1483819	150.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	69000	78.16	ng		99
3) Pyridine	3.652	79	191353	89.01	ng		92
4) n-Nitrosodimethylamine	3.564	42	66941	82.69	ng	#	85
6) Aniline	7.063	93	273488	81.37	ng	#	88
8) 2-Chlorophenol	7.293	128	172982	68.57	ng		83
10) Phenol	6.928	94	246087	81.21	ng		80
11) bis(2-Chloroethyl)ether	7.158	93	180412	82.20	ng		96
12) 1,3-Dichlorobenzene	7.611	146	190586	68.96	ng	#	91
13) 1,4-Dichlorobenzene	7.758	146	193922	68.85	ng	#	93
14) 1,2-Dichlorobenzene	8.075	146	187857	69.41	ng	#	94
15) Benzyl Alcohol	7.969	79	192477	92.32	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.258	45	130624	73.96	ng		90
17) 2-Methylphenol	8.169	107	158696	76.34	ng	#	89
18) Hexachloroethane	8.793	117	74828	73.73	ng		89
19) n-Nitroso-di-n-propyla...	8.540	70	158961	94.52	ng	#	93
20) 3+4-Methylphenols	8.505	107	217983	77.11	ng		93
22) Acetophenone	8.546	105	282180	85.23	ng	#	92
24) Nitrobenzene	8.928	77	235775	94.34	ng	#	78
25) Isophorone	9.457	82	428466	95.80	ng	#	88
26) 2-Nitrophenol	9.634	139	97910	79.53	ng	#	66
27) 2,4-Dimethylphenol	9.699	122	151660	79.16	ng		87
28) bis(2-Chloroethoxy)met...	9.934	93	211391	86.86	ng		97
29) 2,4-Dichlorophenol	10.163	162	170055	80.31	ng		92
30) 1,2,4-Trichlorobenzene	10.375	180	188185	81.14	ng		98
31) Naphthalene	10.563	128	547260	74.67	ng		100
32) Benzoic acid	9.887	122	124784	87.15	ng	#	67
33) 4-Chloroaniline	10.681	127	228315	78.27	ng	#	85
34) Hexachlorobutadiene	10.846	225	119083	85.13	ng		98
35) Caprolactam	11.504	113	57869m	86.47	ng		
36) 4-Chloro-3-methylphenol	11.816	107	206932	85.18	ng	#	83
37) 2-Methylnaphthalene	12.181	142	395166	76.28	ng	#	95
38) 1-Methylnaphthalene	12.404	142	374189m	77.31	ng		
40) 1,2,4,5-Tetrachloroben...	12.551	216	205781	83.10	ng	#	99
41) Hexachlorocyclopentadiene	12.534	237	120851	87.87	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	146463	82.70	ng		99
44) 2,4,5-Trichlorophenol	12.875	196	155943	81.79	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.204	154	477567	74.27	ng		97
47) 2-Chloronaphthalene	13.246	162	391963	76.12	ng		97
48) 2-Nitroaniline	13.457	65	133071	97.59	ng	#	58
49) Acenaphthylene	14.098	152	616978	75.40	ng		100
50) Dimethylphthalate	13.845	163	485849	75.80	ng		99
51) 2,6-Dinitrotoluene	13.963	165	115930	78.98	ng	#	59
52) Acenaphthene	14.440	154	377038	75.05	ng		98
53) 3-Nitroaniline	14.293	138	110514	75.89	ng	#	59
54) 2,4-Dinitrophenol	14.498	184	76959	88.46	ng	#	77
55) Dibenzofuran	14.781	168	615782	76.54	ng		99
56) 4-Nitrophenol	14.604	139	94378	76.30	ng	#	50
57) 2,4-Dinitrotoluene	14.751	165	159172	80.00	ng	#	61
58) Fluorene	15.434	166	510560	77.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	145294	86.37	ng		97
60) Diethylphthalate	15.216	149	482837	75.08	ng		99
61) 4-Chlorophenyl-phenyle...	15.428	204	263474	82.40	ng		97
62) 4-Nitroaniline	15.469	138	119427	79.57	ng	#	64
63) Azobenzene	15.722	77	546827	92.99	ng		86
65) 4,6-Dinitro-2-methylph...	15.522	198	106857	86.54	ng		96
66) n-Nitrosodiphenylamine	15.651	169	438635	75.37	ng		98
67) 4-Bromophenyl-phenylether	16.328	248	156109	78.47	ng		99
68) Hexachlorobenzene	16.439	284	173844	74.40	ng		99
69) Atrazine	16.610	200	140094	76.90	ng		97
70) Pentachlorophenol	16.786	266	120402	80.12	ng		99
71) Phenanthrene	17.181	178	766698	74.52	ng		99
72) Anthracene	17.269	178	762457	75.87	ng		99
73) Carbazole	17.545	167	715247	74.00	ng		100
74) Di-n-butylphthalate	18.104	149	834345	76.96	ng	#	98
75) Fluoranthene	19.157	202	902425	77.40	ng		98
77) Benzidine	19.339	184	292630	78.59	ng		99
78) Pyrene	19.510	202	928660	74.67	ng		99
80) Butylbenzylphthalate	20.386	149	366981	72.59	ng	#	77
81) Benzo(a)anthracene	21.216	228	894617	74.27	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	307696	75.21	ng		99
83) Chrysene	21.269	228	880165	74.84	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	547877	74.20	ng		99
85) Di-n-octyl phthalate	22.027	149	913337	73.50	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.874	276	978464	74.51	ng		97
88) Benzo(b)fluoranthene	22.827	252	936598	78.08	ng		99
89) Benzo(k)fluoranthene	22.874	252	859406	75.19	ng		98
90) Benzo(a)pyrene	23.421	252	828475	77.12	ng		98
91) Dibenzo(a,h)anthracene	25.892	278	854737	74.90	ng		97
92) Benzo(g,h,i)perylene	26.598	276	816852	74.27	ng		96

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

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