Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005256.D
Acq On : 09 Apr 2021 17:36
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
4/12/2021 2:43:36 PM

Quant Time: Apr 09 18:05:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 16:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	30491	20.00	ng	#	0.00
21) Naphthalene-d8	10.469	136	96586	20.00	ng	#	0.00
39) Acenaphthene-d10	14.345	164	61345	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	125683	20.00	ng	#	0.00
76) Chrysene-d12	21.204	240	147345	20.00	ng		0.00
86) Perylene-d12	23.474	264	148578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	463826	234.10	ng		0.00
7) Phenol-d6	6.869	99	543794	191.61	ng		0.00
23) Nitrobenzene-d5	8.846	82	522878	232.28	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	134029	167.69	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	760073	167.61	ng		0.00
79) Terphenyl-d14	19.680	244	1313494	162.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	131529	152.43	ng	#	96
3) Pyridine	3.617	79	341396m	159.14	ng		
4) n-Nitrosodimethylamine	3.528	42	93594	122.02	ng	#	87
6) Aniline	7.022	93	292703	91.01	ng	#	83
8) 2-Chlorophenol	7.252	128	166341	79.60	ng	#	69
10) Phenol	6.899	94	275407	94.69	ng		74
11) bis(2-Chloroethyl)ether	7.116	93	197817	92.90	ng		86
12) 1,3-Dichlorobenzene	7.569	146	176807	76.15	ng	#	85
13) 1,4-Dichlorobenzene	7.716	146	177525	75.31	ng	#	89
14) 1,2-Dichlorobenzene	8.028	146	168362	74.46	ng	#	91
15) Benzyl Alcohol	7.934	79	200091	91.39	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.216	45	112488	72.02	ng		75
17) 2-Methylphenol	8.134	107	151875	81.82	ng	#	84
18) Hexachloroethane	8.746	117	76136	84.76	ng	#	86
19) n-Nitroso-di-n-propyla...	8.499	70	176578	95.91	ng	#	85
20) 3+4-Methylphenols	8.469	107	202012	79.70	ng		85
22) Acetophenone	8.510	105	283999	102.28	ng	#	90
24) Nitrobenzene	8.887	77	265213	111.80	ng	#	67
25) Isophorone	9.416	82	443395	106.72	ng	#	83
26) 2-Nitrophenol	9.593	139	76581	83.24	ng	#	30
27) 2,4-Dimethylphenol	9.663	122	120540	81.47	ng	#	74
28) bis(2-Chloroethoxy)met...	9.893	93	209286	99.53	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	136936	82.71	ng		90
30) 1,2,4-Trichlorobenzene	10.334	180	149308	80.30	ng		94
31) Naphthalene	10.522	128	441603	80.94	ng		100
32) Benzoic acid	9.869	122	87295	79.47	ng	#	40
33) 4-Chloroaniline	10.640	127	170679	77.32	ng	#	75
34) Hexachlorobutadiene	10.799	225	102891	85.99	ng		98
35) Caprolactam	11.469	113	47415	87.28	ng	#	66
36) 4-Chloro-3-methylphenol	11.787	107	179871	89.94	ng	#	75
37) 2-Methylnaphthalene	12.146	142	305714	77.60	ng	#	92
38) 1-Methylnaphthalene	12.363	142	288809	78.21	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	169288	84.74	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	88760	81.68	ng		100
43) 2,4,6-Trichlorophenol	12.769	196	112792	81.69	ng		98
44) 2,4,5-Trichlorophenol	12.840	196	120628	80.66	ng	#	85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.169	154	383848	82.04	ng		95
47) 2-Chloronaphthalene	13.210	162	304003	79.82	ng		93
48) 2-Nitroaniline	13.428	65	136268	112.29	ng	#	42
49) Acenaphthylene	14.063	152	474118	80.05	ng		100
50) Dimethylphthalate	13.810	163	373190	78.98	ng		100
51) 2,6-Dinitrotoluene	13.934	165	88728	79.68	ng	#	20
52) Acenaphthene	14.410	154	287430	78.86	ng		99
53) 3-Nitroaniline	14.269	138	82682	80.67	ng	#	30
54) 2,4-Dinitrophenol	14.475	184	53180	78.86	ng	#	55
55) Dibenzofuran	14.745	168	478941	80.17	ng		92
56) 4-Nitrophenol	14.592	139	69464	82.62	ng	#	1
57) 2,4-Dinitrotoluene	14.728	165	126616	86.09	ng	#	16
58) Fluorene	15.398	166	394573	81.80	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	108901	78.94	ng	#	95
60) Diethylphthalate	15.181	149	396708	85.84	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	207001	80.85	ng		96
62) 4-Nitroaniline	15.440	138	83627	79.42	ng	#	25
63) Azobenzene	15.692	77	606529	114.81	ng		79
65) 4,6-Dinitro-2-methylph...	15.498	198	78547	85.64	ng	#	68
66) n-Nitrosodiphenylamine	15.616	169	330782	81.87	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	123524	84.83	ng	#	86
68) Hexachlorobenzene	16.410	284	132731	81.05	ng	#	91
69) Atrazine	16.581	200	118742	88.49	ng		98
70) Pentachlorophenol	16.757	266	85993	79.53	ng		97
71) Phenanthrene	17.151	178	617825	84.79	ng		100
72) Anthracene	17.239	178	607089	85.28	ng		99
73) Carbazole	17.522	167	575456	86.04	ng		99
74) Di-n-butylphthalate	18.075	149	688732	93.58	ng	#	96
75) Fluoranthene	19.128	202	753166	87.86	ng		97
77) Benzidine	19.316	184	230232	71.22	ng		100
78) Pyrene	19.486	202	783125	77.35	ng		99
80) Butylbenzylphthalate	20.363	149	317179	84.42	ng	#	62
81) Benzo(a)anthracene	21.192	228	813010	81.22	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	244901	72.80	ng		99
83) Chrysene	21.245	228	790406	80.45	ng		98
84) Bis(2-ethylhexyl)phtha...	21.116	149	493421	89.58	ng		99
85) Di-n-octyl phthalate	21.998	149	841682	90.62	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.821	276	956858	85.89	ng	#	95
88) Benzo(b)fluoranthene	22.792	252	845373	80.12	ng		98
89) Benzo(k)fluoranthene	22.839	252	806646	79.78	ng		97
90) Benzo(a)pyrene	23.386	252	770661	81.46	ng	#	97
91) Dibenzo(a,h)anthracene	25.833	278	847209	87.94	ng	#	96
92) Benzo(g,h,i)perylene	26.539	276	797722	85.82	ng	#	94

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

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