Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005226.D
Acq On : 07 Apr 2021 18:17
Operator : CG/JU
Sample : M1961-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR2-A-D-COMPMSD

Manual Integrations APPROVED
mohammad
4/8/2021 1:34:54 PM

Quant Time: Apr 07 18:58:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	19741	20.00	ng		# 0.00
21) Naphthalene-d8	10.481	136	66715	20.00	ng		# 0.00
39) Acenaphthene-d10	14.346	164	37033	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	72787	20.00	ng		# 0.00
76) Chrysene-d12	21.210	240	88423	20.00	ng		0.00
86) Perylene-d12	23.486	264	109235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	162259	126.49	ng		0.00
7) Phenol-d6	6.875	99	195566	106.43	ng		0.00
23) Nitrobenzene-d5	8.852	82	126556	81.39	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	51387	106.50	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	207353	75.74	ng		0.00
79) Terphenyl-d14	19.686	244	270262	55.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	32076	57.42	ng		95
3) Pyridine	3.623	79	76482	55.07	ng		96
4) n-Nitrosodimethylamine	3.534	42	26021	52.40	ng	#	96
6) Aniline	7.028	93	39536	18.99	ng	#	87
8) 2-Chlorophenol	7.258	128	59860	44.24	ng		83
9) Benzaldehyde	6.840	77	46932	50.15	ng	#	82
10) Phenol	6.905	94	87600	46.52	ng		87
11) bis(2-Chloroethyl)ether	7.122	93	63561	46.10	ng		94
12) 1,3-Dichlorobenzene	7.575	146	68239	45.40	ng	#	88
13) 1,4-Dichlorobenzene	7.728	146	69578	45.59	ng	#	92
14) 1,2-Dichlorobenzene	8.040	146	65396	44.67	ng	#	91
15) Benzyl Alcohol	7.940	79	59985	42.32	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.228	45	48796	48.25	ng		93
17) 2-Methylphenol	8.146	107	52322	43.54	ng	#	92
18) Hexachloroethane	8.758	117	26380	45.36	ng		89
19) n-Nitroso-di-n-propyla...	8.499	70	47072	39.49	ng	#	93
20) 3+4-Methylphenols	8.475	107	68982	42.04	ng		95
22) Acetophenone	8.516	105	96537	50.33	ng	#	94
24) Nitrobenzene	8.893	77	72144	44.03	ng	#	80
25) Isophorone	9.416	82	124580	43.41	ng	#	88
26) 2-Nitrophenol	9.599	139	31242	49.16	ng	#	71
27) 2,4-Dimethylphenol	9.669	122	52065	50.95	ng	#	78
28) bis(2-Chloroethoxy)met...	9.899	93	72675	50.03	ng		98
29) 2,4-Dichlorophenol	10.134	162	49620	43.39	ng		93
30) 1,2,4-Trichlorobenzene	10.346	180	58674	45.68	ng		95
31) Naphthalene	10.528	128	169581	45.00	ng		99
32) Benzoic acid	9.828	122	34606	45.61	ng	#	69
33) 4-Chloroaniline	10.652	127	11003	7.22	ng	#	86
34) Hexachlorobutadiene	10.810	225	35679	43.17	ng		96
35) Caprolactam	11.446	113	17739	47.27	ng		93
36) 4-Chloro-3-methylphenol	11.787	107	55425	40.12	ng	#	85
37) 2-Methylnaphthalene	12.152	142	113863m	41.84	ng		
38) 1-Methylnaphthalene	12.375	142	106018	41.56	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	61136	50.70	ng	#	98
41) Hexachlorocyclopentadiene	12.499	237	53806	82.02	ng		100
43) 2,4,6-Trichlorophenol	12.775	196	40127	48.14	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	40826	45.22	ng	#	92
46) 1,1'-Biphenyl	13.175	154	140087	49.59	ng		98
47) 2-Chloronaphthalene	13.216	162	110153	47.91	ng		98
48) 2-Nitroaniline	13.428	65	35389	48.31	ng	#	58
49) Acenaphthylene	14.069	152	175632	49.12	ng		98
50) Dimethylphthalate	13.810	163	130451	45.73	ng	#	99
51) 2,6-Dinitrotoluene	13.934	165	29033	43.19	ng	#	69
52) Acenaphthene	14.410	154	103130	46.87	ng		96
53) 3-Nitroaniline	14.269	138	9085	14.68	ng	#	72
54) 2,4-Dinitrophenol	14.475	184	28973	71.17	ng	#	78
55) Dibenzofuran	14.751	168	159407	44.20	ng		98
56) 4-Nitrophenol	14.593	139	49396	97.32	ng	#	57
57) 2,4-Dinitrotoluene	14.728	165	38244	43.08	ng	#	57
58) Fluorene	15.404	166	127362	43.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	34304	41.19	ng		99
60) Diethylphthalate	15.181	149	118121	42.34	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	65744	42.54	ng		99
62) 4-Nitroaniline	15.434	138	26125	41.10	ng	#	70
63) Azobenzene	15.693	77	134058	42.04	ng		87
65) 4,6-Dinitro-2-methylph...	15.498	198	18293	34.44	ng		90
66) n-Nitrosodiphenylamine	15.616	169	107878	46.10	ng		98
67) 4-Bromophenyl-phenylether	16.298	248	38602	45.77	ng		97
68) Hexachlorobenzene	16.410	284	41249	43.49	ng		97
69) Atrazine	16.581	200	38551	49.61	ng		96
70) Pentachlorophenol	16.763	266	55345	88.39	ng		98
71) Phenanthrene	17.151	178	187977	44.55	ng		99
72) Anthracene	17.245	178	197828	47.98	ng		98
73) Carbazole	17.522	167	173133	44.70	ng		99
74) Di-n-butylphthalate	18.075	149	195913	45.96	ng	#	98
75) Fluoranthene	19.134	202	224849	45.29	ng		98
77) Benzidine	19.316	184	122249	63.01	ng		99
78) Pyrene	19.486	202	235775	38.80	ng		97
80) Butylbenzylphthalate	20.363	149	91213	40.46	ng	#	76
81) Benzo(a)anthracene	21.192	228	269797	44.91	ng		98
82) 3,3'-Dichlorobenzidine	21.128	252	74342	36.82	ng		97
83) Chrysene	21.245	228	260362	44.16	ng		98
84) Bis(2-ethylhexyl)phtha...	21.122	149	135961	41.13	ng		97
85) Di-n-octyl phthalate	22.004	149	258629	46.40	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.827	276	393610	48.06	ng		99
88) Benzo(b)fluoranthene	22.798	252	318960	41.12	ng		99
89) Benzo(k)fluoranthene	22.845	252	296050	39.83	ng		100
90) Benzo(a)pyrene	23.392	252	289598	41.64	ng		99
91) Dibenzo(a,h)anthracene	25.845	278	331987	46.87	ng		99
92) Benzo(g,h,i)perylene	26.551	276	327730	47.95	ng		97

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

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