Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032321\
Data File : BP005028.D
Acq On : 23 Mar 2021 17:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP032321

Manual Integrations APPROVED
mohammad
3/24/2021 1:57:16 PM

Quant Time: Mar 23 18:05:26 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 17:09:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	33333	20.00	ng		0.00
21) Naphthalene-d8	10.516	136	121144	20.00	ng		# 0.00
39) Acenaphthene-d10	14.381	164	82429	20.00	ng		0.00
64) Phenanthrene-d10	17.139	188	169182	20.00	ng		# 0.00
76) Chrysene-d12	21.233	240	169801	20.00	ng		0.00
86) Perylene-d12	23.527	264	169028	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	172329	79.56	ng		0.00
7) Phenol-d6	6.905	99	248702	80.16	ng		0.00
23) Nitrobenzene-d5	8.887	82	230660	81.70	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	84330	78.52	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	469633	77.07	ng		0.00
79) Terphenyl-d14	19.716	244	772787	82.85	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	36704	38.91	ng		96
3) Pyridine	3.658	79	100729	42.95	ng		96
4) n-Nitrosodimethylamine	3.570	42	35400	42.22	ng		86
6) Aniline	7.063	93	139173	39.58	ng	#	89
8) 2-Chlorophenol	7.293	128	89956	39.38	ng	#	81
9) Benzaldehyde	6.875	77	58886	41.80	ng	#	78
10) Phenol	6.928	94	126999	39.94	ng		80
11) bis(2-Chloroethyl)ether	7.163	93	91973	39.51	ng		94
12) 1,3-Dichlorobenzene	7.616	146	98508	38.81	ng	#	89
13) 1,4-Dichlorobenzene	7.763	146	99855	38.75	ng	#	93
14) 1,2-Dichlorobenzene	8.081	146	95663	38.70	ng	#	93
15) Benzyl Alcohol	7.975	79	96234	40.21	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.263	45	67266	39.39	ng		95
17) 2-Methylphenol	8.175	107	81680	40.25	ng	#	89
18) Hexachloroethane	8.805	117	37722	38.41	ng		93
19) n-Nitroso-di-n-propyla...	8.540	70	78602	39.05	ng	#	92
20) 3+4-Methylphenols	8.505	107	111447	40.22	ng		89
22) Acetophenone	8.552	105	139782	40.14	ng	#	93
24) Nitrobenzene	8.928	77	121838	40.95	ng	#	75
25) Isophorone	9.457	82	213782	41.02	ng	#	88
26) 2-Nitrophenol	9.640	139	48713	42.21	ng	#	65
27) 2,4-Dimethylphenol	9.699	122	75544	40.71	ng	#	85
28) bis(2-Chloroethoxy)met...	9.940	93	107490	40.75	ng		97
29) 2,4-Dichlorophenol	10.169	162	85684	41.26	ng		93
30) 1,2,4-Trichlorobenzene	10.387	180	94994	40.73	ng		100
31) Naphthalene	10.569	128	277903	40.61	ng		100
32) Benzoic acid	9.846	122	60721	44.07	ng	#	67
33) 4-Chloroaniline	10.687	127	113506	41.00	ng	#	86
34) Hexachlorobutadiene	10.852	225	60403	40.25	ng		98
35) Caprolactam	11.481	113	29201	42.86	ng	#	75
36) 4-Chloro-3-methylphenol	11.816	107	103033	41.07	ng	#	81
37) 2-Methylnaphthalene	12.187	142	196829	39.83	ng	#	95
38) 1-Methylnaphthalene	12.410	142	184672	39.87	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	103375	38.51	ng	#	98
41) Hexachlorocyclopentadiene	12.534	237	59371	40.66	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	74026	39.90	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	79773	39.70	ng	#	90
46) 1,1'-Biphenyl	13.210	154	240005	38.17	ng		96
47) 2-Chloronaphthalene	13.251	162	197559	38.60	ng		98
48) 2-Nitroaniline	13.463	65	66792	40.96	ng	#	61
49) Acenaphthylene	14.104	152	309070	38.83	ng		99
50) Dimethylphthalate	13.845	163	242717	38.23	ng		99
51) 2,6-Dinitrotoluene	13.963	165	56790	37.95	ng	#	58
52) Acenaphthene	14.445	154	188393	38.46	ng		99
53) 3-Nitroaniline	14.292	138	55488	40.29	ng	#	58
54) 2,4-Dinitrophenol	14.504	184	36681	40.48	ng	#	82
55) Dibenzofuran	14.787	168	311948	38.86	ng		99
56) 4-Nitrophenol	14.604	139	48594	43.01	ng	#	41
57) 2,4-Dinitrotoluene	14.757	165	78420	39.68	ng	#	58
58) Fluorene	15.434	166	250380	38.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	72406	39.06	ng		98
60) Diethylphthalate	15.216	149	246815	39.74	ng		99
61) 4-Chlorophenyl-phenyle...	15.434	204	132656	38.56	ng		98
62) 4-Nitroaniline	15.463	138	59728	42.21	ng	#	59
63) Azobenzene	15.728	77	272972	38.46	ng		86
65) 4,6-Dinitro-2-methylph...	15.522	198	52797	42.76	ng		86
66) n-Nitrosodiphenylamine	15.651	169	220778	40.59	ng		95
67) 4-Bromophenyl-phenylether	16.334	248	76517	39.04	ng		93
68) Hexachlorobenzene	16.445	284	86846	39.40	ng		96
69) Atrazine	16.610	200	76302	42.24	ng		94
70) Pentachlorophenol	16.792	266	61593	42.32	ng		98
71) Phenanthrene	17.186	178	393787	40.15	ng		99
72) Anthracene	17.275	178	389221	40.62	ng		98
73) Carbazole	17.551	167	373448	41.48	ng		98
74) Di-n-butylphthalate	18.110	149	410109	41.40	ng	#	97
75) Fluoranthene	19.163	202	469669	40.70	ng		98
77) Benzidine	19.345	184	154910	41.58	ng		99
78) Pyrene	19.510	202	476414	40.83	ng		100
80) Butylbenzylphthalate	20.392	149	186803	43.14	ng	#	75
81) Benzo(a)anthracene	21.222	228	473478	41.04	ng		98
82) 3,3'-Dichlorobenzidine	21.157	252	165002	42.56	ng		100
83) Chrysene	21.269	228	460974	40.71	ng		96
84) Bis(2-ethylhexyl)phtha...	21.151	149	268300	42.27	ng	#	93
85) Di-n-octyl phthalate	22.039	149	452030	42.23	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.880	276	501850	39.60	ng		97
88) Benzo(b)fluoranthene	22.833	252	492567	41.04	ng		99
89) Benzo(k)fluoranthene	22.880	252	451893m	39.29	ng		
90) Benzo(a)pyrene	23.427	252	438748	40.77	ng		97
91) Dibenzo(a,h)anthracene	25.898	278	442483	40.37	ng	#	96
92) Benzo(g,h,i)perylene	26.604	276	428533	40.52	ng		95

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

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