Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006721.D
Acq On : 17 Aug 2021 16:55
Operator : CG/JU
Sample : M3371-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 17:40:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
JET-GROUTMSD

Manual Integrations APPROVED
mohammad
8/18/2021 4:30:06 PM
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	171701	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	727259	20.000	ng	#	0.00
39) Acenaphthene-d10	14.346	164	404313	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	805174	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	808106	20.000	ng	#	0.00
86) Perylene-d12	23.522	264	833557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1367921	122.367	ng		0.00
7) Phenol-d6	6.893	99	1630091	102.652	ng		0.00
23) Nitrobenzene-d5	8.863	82	1269262	80.557	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	565076	133.729	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2188184	80.972	ng		0.00
79) Terphenyl-d14	19.686	244	3419727	84.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	182619	37.523	ng		95
3) Pyridine	3.652	79	312947	21.878	ng		97
4) n-Nitrosodimethylamine	3.558	42	204123	37.808	ng	#	76
6) Aniline	7.046	93	353481	20.492	ng		95
8) 2-Chlorophenol	7.269	128	537090	44.404	ng		92
9) Benzaldehyde	6.858	77	302015	31.599	ng		93
10) Phenol	6.917	94	629287	39.520	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	519764	42.989	ng		93
12) 1,3-Dichlorobenzene	7.593	146	505393	40.091	ng		98
13) 1,4-Dichlorobenzene	7.740	146	521093	40.730	ng		97
14) 1,2-Dichlorobenzene	8.052	146	502032	40.893	ng		96
15) Benzyl Alcohol	7.952	79	528510	44.381	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.240	45	587112	40.807	ng		94
17) 2-Methylphenol	8.158	107	452795	45.034	ng		99
18) Hexachloroethane	8.769	117	212796	42.022	ng	#	88
19) n-Nitroso-di-n-propyla...	8.522	70	445000	41.769	ng		96
20) 3+4-Methylphenols	8.487	107	606566	44.322	ng		98
22) Acetophenone	8.528	105	853785	44.269	ng	#	96
24) Nitrobenzene	8.905	77	675425	41.238	ng		90
25) Isophorone	9.434	82	1160793	41.018	ng		95
26) 2-Nitrophenol	9.610	139	270213	45.333	ng		92
27) 2,4-Dimethylphenol	9.681	122	494354	49.528	ng		95
28) bis(2-Chloroethoxy)met...	9.916	93	700809	46.283	ng		98
29) 2,4-Dichlorophenol	10.140	162	454187	44.945	ng		94
30) 1,2,4-Trichlorobenzene	10.352	180	450979	41.531	ng		96
31) Naphthalene	10.540	128	1610478	41.211	ng		99
32) Benzoic acid	9.840	122	343309	44.461	ng		92
33) 4-Chloroaniline	10.663	127	92392	5.842	ng	#	95
34) Hexachlorobutadiene	10.816	225	260057	41.098	ng		100
35) Caprolactam	11.469	113	138993m	38.145	ng		
36) 4-Chloro-3-methylphenol	11.793	107	577956	45.015	ng		90
37) 2-Methylnaphthalene	12.152	142	1114114	42.072	ng		99
38) 1-Methylnaphthalene	12.375	142	1035930	41.165	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	474863	44.874	ng	#	95
41) Hexachlorocyclopentadiene	12.499	237	511187	91.081	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	335290	46.403	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.846	196	365094	45.648	ng	#	87
46)	1,1'-Biphenyl	13.175	154	1311176	42.845	ng		96
47)	2-Chloronaphthalene	13.216	162	1028613	43.647	ng		94
48)	2-Nitroaniline	13.434	65	387505	46.593	ng		87
49)	Acenaphthylene	14.063	152	1700062	44.738	ng		99
50)	Dimethylphthalate	13.822	163	1331224	45.233	ng		99
51)	2,6-Dinitrotoluene	13.940	165	289651	44.106	ng	#	78
52)	Acenaphthene	14.410	154	996156	43.074	ng		98
53)	3-Nitroaniline	14.263	138	162443	22.312	ng	#	79
54)	2,4-Dinitrophenol	14.475	184	308178	89.736	ng	#	78
55)	Dibenzofuran	14.746	168	1553445	42.704	ng		92
56)	4-Nitrophenol	14.587	139	555935	87.941	ng		87
57)	2,4-Dinitrotoluene	14.728	165	416896	47.335	ng	#	77
58)	Fluorene	15.398	166	1296019	44.574	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.975	232	305229	45.539	ng	#	69
60)	Diethylphthalate	15.187	149	1438515	46.536	ng		96
61)	4-Chlorophenyl-phenyle...	15.398	204	584050	44.356	ng	#	88
62)	4-Nitroaniline	15.434	138	347818	45.022	ng		92
63)	Azobenzene	15.693	77	1610611	44.690	ng		93
65)	4,6-Dinitro-2-methylph...	15.493	198	189468	38.511	ng		75
66)	n-Nitrosodiphenylamine	15.622	169	1101704	43.532	ng		99
67)	4-Bromophenyl-phenylether	16.298	248	349324	45.216	ng	#	87
68)	Hexachlorobenzene	16.398	284	394877	44.915	ng	#	83
69)	Atrazine	16.587	200	395450	50.074	ng		95
70)	Pentachlorophenol	16.751	266	548949	98.412	ng		99
71)	Phenanthrene	17.145	178	2013807	44.341	ng		99
72)	Anthracene	17.239	178	2044552	46.589	ng		99
73)	Carbazole	17.516	167	1952428	43.617	ng		98
74)	Di-n-butylphthalate	18.081	149	2537336	49.753	ng		99
75)	Fluoranthene	19.122	202	2304470	45.207	ng		94
77)	Benzidine	19.316	184	574658	28.418	ng		99
78)	Pyrene	19.475	202	2396951	44.407	ng		99
80)	Butylbenzylphthalate	20.369	149	1172254	49.388	ng		87
81)	Benzo(a)anthracene	21.192	228	2316181	43.857	ng		99
82)	3,3'-Dichlorobenzidine	21.133	252	382706	27.603	ng	#	96
83)	Chrysene	21.245	228	2225910	43.475	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.133	149	1775284	49.772	ng	#	95
85)	Di-n-octyl phthalate	22.033	149	3039671	51.704	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	25.916	276	2801728	46.354	ng	#	90
88)	Benzo(b)fluoranthene	22.822	252	2434996	44.947	ng	#	96
89)	Benzo(k)fluoranthene	22.869	252	2313887	44.486	ng	#	96
90)	Benzo(a)pyrene	23.422	252	2308653	47.511	ng	#	95
91)	Dibenzo(a,h)anthracene	25.933	278	2399899	45.924	ng	#	93
92)	Benzo(g,h,i)perylene	26.645	276	2354419	47.015	ng	#	90

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

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