Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006720.D
Acq On : 17 Aug 2021 16:21
Operator : CG/JU
Sample : M3371-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 17 17:39:54 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-GROUTMS

Manual Integrations APPROVED
mohammad
8/18/2021 4:30:04 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	157818	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	680626	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	388602	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	781515	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	784359	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	821382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1278503	124.429	ng		0.00
7) Phenol-d6	6.893	99	1530766	104.877	ng		0.00
23) Nitrobenzene-d5	8.863	82	1201718	81.496	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	543076	133.719	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2082783	80.188	ng		0.00
79) Terphenyl-d14	19.686	244	3318274	84.771	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	170896	38.203	ng		96
3) Pyridine	3.652	79	294356	22.388	ng		98
4) n-Nitrosodimethylamine	3.558	42	199474	40.197	ng	#	83
6) Aniline	7.046	93	314422	19.832	ng		94
8) 2-Chlorophenol	7.269	128	498319	44.823	ng		91
9) Benzaldehyde	6.858	77	282452	32.152	ng		92
10) Phenol	6.916	94	588538	40.213	ng		97
11) bis(2-Chloroethyl)ether	7.146	93	483667	43.522	ng		91
12) 1,3-Dichlorobenzene	7.593	146	466987	40.303	ng		97
13) 1,4-Dichlorobenzene	7.740	146	477855	40.636	ng		98
14) 1,2-Dichlorobenzene	8.052	146	466549	41.346	ng		96
15) Benzyl Alcohol	7.958	79	502862	45.941	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.246	45	550123	41.599	ng		95
17) 2-Methylphenol	8.158	107	422878	45.758	ng		97
18) Hexachloroethane	8.769	117	197790	42.494	ng	#	87
19) n-Nitroso-di-n-propyla...	8.522	70	423214	43.219	ng	#	96
20) 3+4-Methylphenols	8.487	107	570209	45.331	ng		98
22) Acetophenone	8.534	105	807351	44.729	ng	#	98
24) Nitrobenzene	8.905	77	642512	41.917	ng		91
25) Isophorone	9.434	82	1094448	41.323	ng		94
26) 2-Nitrophenol	9.610	139	251001	44.995	ng		91
27) 2,4-Dimethylphenol	9.681	122	468341	50.136	ng		93
28) bis(2-Chloroethoxy)met...	9.922	93	657460	46.395	ng		99
29) 2,4-Dichlorophenol	10.146	162	430270	45.495	ng		95
30) 1,2,4-Trichlorobenzene	10.352	180	422688	41.593	ng		96
31) Naphthalene	10.540	128	1525186	41.702	ng		99
32) Benzoic acid	9.840	122	315133	43.608	ng		89
33) 4-Chloroaniline	10.663	127	78781	5.323	ng	#	92
34) Hexachlorobutadiene	10.822	225	242077	40.878	ng		99
35) Caprolactam	11.469	113	128774m	37.762	ng		
36) 4-Chloro-3-methylphenol	11.793	107	550658	45.827	ng		89
37) 2-Methylnaphthalene	12.157	142	1057958	42.689	ng		98
38) 1-Methylnaphthalene	12.375	142	979856	41.605	ng		97
40) 1,2,4,5-Tetrachloroben...	12.528	216	445491	43.801	ng	#	94
41) Hexachlorocyclopentadiene	12.504	237	481812	89.318	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	322492	46.437	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	352761	45.889	ng	#	87
46) 1,1'-Biphenyl	13.181	154	1255425	42.682	ng		97
47) 2-Chloronaphthalene	13.216	162	979480	43.243	ng		93
48) 2-Nitroaniline	13.434	65	374983	46.910	ng	#	84
49) Acenaphthylene	14.069	152	1640714	44.922	ng		100
50) Dimethylphthalate	13.822	163	1275329	45.085	ng		99
51) 2,6-Dinitrotoluene	13.940	165	277652	43.988	ng	#	76
52) Acenaphthene	14.410	154	960751	43.222	ng		97
53) 3-Nitroaniline	14.263	138	150640	21.528	ng		81
54) 2,4-Dinitrophenol	14.475	184	293143	88.809	ng	#	74
55) Dibenzofuran	14.751	168	1506586	43.090	ng		94
56) 4-Nitrophenol	14.587	139	525404	86.471	ng	#	87
57) 2,4-Dinitrotoluene	14.728	165	398405	47.065	ng	#	75
58) Fluorene	15.398	166	1246861	44.617	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	293837	45.611	ng	#	68
60) Diethylphthalate	15.192	149	1395762	46.979	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	569012	44.961	ng	#	86
62) 4-Nitroaniline	15.439	138	331074	44.587	ng		92
63) Azobenzene	15.692	77	1583755	45.721	ng		92
65) 4,6-Dinitro-2-methylph...	15.492	198	179444	37.578	ng	#	68
66) n-Nitrosodiphenylamine	15.622	169	1072610	43.666	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	337885	45.060	ng	#	86
68) Hexachlorobenzene	16.404	284	383412	44.931	ng	#	87
69) Atrazine	16.586	200	383127	49.983	ng		94
70) Pentachlorophenol	16.757	266	526379	97.223	ng		99
71) Phenanthrene	17.145	178	1966469	44.609	ng		99
72) Anthracene	17.239	178	2003183	47.028	ng		100
73) Carbazole	17.516	167	1897890	43.682	ng		98
74) Di-n-butylphthalate	18.086	149	2467653	49.851	ng		99
75) Fluoranthene	19.128	202	2227742	45.025	ng		95
77) Benzidine	19.316	184	569131	28.997	ng		98
78) Pyrene	19.480	202	2312927	44.147	ng		99
80) Butylbenzylphthalate	20.375	149	1129399	49.024	ng		89
81) Benzo(a)anthracene	21.198	228	2242549	43.748	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	340429	25.297	ng	#	97
83) Chrysene	21.245	228	2182271	43.913	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1728915	49.939	ng	#	96
85) Di-n-octyl phthalate	22.039	149	2941399	51.547	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.921	276	2742152	46.041	ng	#	89
88) Benzo(b)fluoranthene	22.821	252	2314775	43.361	ng	#	95
89) Benzo(k)fluoranthene	22.869	252	2310105	45.071	ng	#	96
90) Benzo(a)pyrene	23.427	252	2246521	46.918	ng	#	95
91) Dibenzo(a,h)anthracene	25.939	278	2344832	45.535	ng	#	93
92) Benzo(g,h,i)perylene	26.657	276	2294505	46.498	ng	#	91

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

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