Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006033.D
Acq On : 23 Jun 2021 14:11
Operator : CG/JU
Sample : M2781-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:32 AM

Quant Time: Jun 23 16:27:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	68709	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	269722	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	166682	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	342388	20.000	ng		0.00
76) Chrysene-d12	21.368	240	395721	20.000	ng		0.00
86) Perylene-d12	23.774	264	450836	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	356706	83.305	ng		0.00
7) Phenol-d6	7.093	99	537665	96.877	ng		0.00
23) Nitrobenzene-d5	9.087	82	340228	61.843	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	204327	71.433	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	754648	59.452	ng		0.00
79) Terphenyl-d14	19.839	244	1217103	57.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	64257	33.216	ng		98
3) Pyridine	3.775	79	166498	36.620	ng		98
4) n-Nitrosodimethylamine	3.681	42	76957	36.413	ng		91
6) Aniline	7.246	93	237456	38.323	ng		100
8) 2-Chlorophenol	7.487	128	216611	44.121	ng		97
9) Benzaldehyde	7.057	77	127648	53.952	ng		99
10) Phenol	7.122	94	251378	45.340	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	189001	44.986	ng		98
12) 1,3-Dichlorobenzene	7.804	146	231544	42.178	ng		98
13) 1,4-Dichlorobenzene	7.951	146	237445	42.412	ng		99
14) 1,2-Dichlorobenzene	8.269	146	229153	42.821	ng		100
15) Benzyl Alcohol	8.169	79	178586	42.721	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	164445	42.343	ng		98
17) 2-Methylphenol	8.369	107	170507	45.137	ng		97
18) Hexachloroethane	8.998	117	85340	42.142	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	145790	42.700	ng		93
20) 3+4-Methylphenols	8.698	107	228395	44.759	ng		95
22) Acetophenone	8.746	105	303241	42.714	ng	#	98
24) Nitrobenzene	9.128	77	216053	37.819	ng		99
25) Isophorone	9.657	82	378156	37.221	ng		98
26) 2-Nitrophenol	9.840	139	112367	41.224	ng		93
27) 2,4-Dimethylphenol	9.898	122	187993	46.295	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	236620	44.625	ng		99
29) 2,4-Dichlorophenol	10.381	162	200516	41.089	ng		97
30) 1,2,4-Trichlorobenzene	10.587	180	219497	40.029	ng		99
31) Naphthalene	10.769	128	632090	40.503	ng		100
32) Benzoic acid	10.075	122	115167	39.188	ng		100
33) 4-Chloroaniline	10.893	127	150976	23.947	ng		99
34) Hexachlorobutadiene	11.057	225	143540	38.701	ng		98
35) Caprolactam	11.692	113	61229m	43.559	ng		
36) 4-Chloro-3-methylphenol	12.016	107	213522	43.091	ng		96
37) 2-Methylnaphthalene	12.381	142	455554	41.000	ng		97
38) 1-Methylnaphthalene	12.598	142	424452	40.555	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	244797	41.724	ng		99
41) Hexachlorocyclopentadiene	12.722	237	224991	76.576	ng		98
43) 2,4,6-Trichlorophenol	12.992	196	161272	40.075	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	176202	40.656	ng	96
46) 1,1'-Biphenyl	13.386	154	556425	41.403	ng	99
47) 2-Chloronaphthalene	13.428	162	449922	40.998	ng	98
48) 2-Nitroaniline	13.639	65	118684	41.132	ng	92
49) Acenaphthylene	14.269	152	708868	42.103	ng	100
50) Dimethylphthalate	14.010	163	571313	41.687	ng	100
51) 2,6-Dinitrotoluene	14.134	165	125662	40.342	ng	98
52) Acenaphthene	14.610	154	417900	40.873	ng	98
53) 3-Nitroaniline	14.463	138	86380	28.612	ng	98
54) 2,4-Dinitrophenol	14.675	184	123356	67.398	ng	98
55) Dibenzofuran	14.945	168	665535	39.581	ng	99
56) 4-Nitrophenol	14.781	139	191307	78.177	ng	93
57) 2,4-Dinitrotoluene	14.922	165	178052	42.737	ng	95
58) Fluorene	15.592	166	541127	41.304	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	160096m	41.914	ng	
60) Diethylphthalate	15.369	149	587915	42.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	279028	41.073	ng	97
62) 4-Nitroaniline	15.628	138	128199	41.256	ng	91
63) Azobenzene	15.880	77	497303	39.977	ng	95
65) 4,6-Dinitro-2-methylph...	15.686	198	91033	36.180	ng	99
66) n-Nitrosodiphenylamine	15.804	169	478781	42.168	ng	98
67) 4-Bromophenyl-phenylether	16.480	248	185469	42.204	ng	98
68) Hexachlorobenzene	16.598	284	224757	42.668	ng	99
69) Atrazine	16.757	200	185431	52.493	ng	99
70) Pentachlorophenol	16.951	266	262587	89.653	ng	98
71) Phenanthrene	17.339	178	868419	42.234	ng	100
72) Anthracene	17.427	178	887431	43.852	ng	99
73) Carbazole	17.698	167	806730	41.522	ng	100
74) Di-n-butylphthalate	18.245	149	1026599	45.605	ng	100
75) Fluoranthene	19.298	202	1083789	43.402	ng	98
77) Benzidine	19.480	184	645636	78.409	ng	100
78) Pyrene	19.651	202	1121901	40.610	ng	99
80) Butylbenzylphthalate	20.510	149	495637	43.608	ng	99
81) Benzo(a)anthracene	21.351	228	1158321	40.550	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	323306	32.737	ng	98
83) Chrysene	21.404	228	1143387	41.326	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	745757	44.740	ng	99
85) Di-n-octyl phthalate	22.186	149	1308779	43.890	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	1589973	41.241	ng	99
88) Benzo(b)fluoranthene	23.039	252	1325773	42.935	ng	99
89) Benzo(k)fluoranthene	23.086	252	1225966	40.944	ng	99
90) Benzo(a)pyrene	23.668	252	1263585	43.526	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	1360852	41.011	ng	98
92) Benzo(g,h,i)perylene	27.086	276	1343035	40.972	ng	99

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

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