Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007287.D
Acq On : 01 Oct 2021 12:46
Operator : CG/JU
Sample : PB139478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139478BS

Manual Integrations APPROVED
mohammad
10/4/2021 11:52:49 AM

Quant Time: Oct 01 14:49:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	217005	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	875581	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	550451	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	1127484	20.00	ng		# 0.00
76) Chrysene-d12	21.339	240	1125379	20.00	ng		# 0.00
86) Perylene-d12	23.745	264	1087389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1568152	120.96	ng		0.00
7) Phenol-d6	7.052	99	1928121	108.82	ng		0.00
23) Nitrobenzene-d5	9.028	82	1108571	73.73	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	797329	111.73	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2744868	71.44	ng		0.00
79) Terphenyl-d14	19.810	244	4313453	73.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	162374	30.97	ng		89
3) Pyridine	3.746	79	381303	26.58	ng	#	85
4) n-Nitrosodimethylamine	3.652	42	217023	44.13	ng	#	84
6) Aniline	7.199	93	731406	37.45	ng		98
8) 2-Chlorophenol	7.434	128	590833	41.94	ng		98
9) Benzaldehyde	7.010	77	272579m	27.31	ng		
10) Phenol	7.075	94	719303	42.11	ng		93
11) bis(2-Chloroethyl)ether	7.293	93	532467	39.49	ng		96
12) 1,3-Dichlorobenzene	7.752	146	607874	38.25	ng		98
13) 1,4-Dichlorobenzene	7.899	146	622318	38.41	ng		98
14) 1,2-Dichlorobenzene	8.216	146	606801	38.65	ng		98
15) Benzyl Alcohol	8.116	79	474008	41.77	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.393	45	613049	39.71	ng		90
17) 2-Methylphenol	8.322	107	481077	41.78	ng		93
18) Hexachloroethane	8.940	117	219839	40.41	ng		97
19) n-Nitroso-di-n-propyla...	8.681	70	370645	38.46	ng		99
20) 3+4-Methylphenols	8.652	107	642176	40.33	ng		94
22) Acetophenone	8.693	105	834674	39.56	ng	#	99
24) Nitrobenzene	9.075	77	577967	40.32	ng		97
25) Isophorone	9.604	82	1031615	39.35	ng		98
26) 2-Nitrophenol	9.781	139	307000	41.07	ng		91
27) 2,4-Dimethylphenol	9.851	122	529767	45.01	ng		97
28) bis(2-Chloroethoxy)met...	10.081	93	678706	36.69	ng		99
29) 2,4-Dichlorophenol	10.322	162	554755	40.41	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	586107	37.47	ng		98
31) Naphthalene	10.716	128	1698890	38.02	ng		100
32) Benzoic acid	10.028	122	377340	41.72	ng		97
33) 4-Chloroaniline	10.834	127	621712	33.68	ng		98
34) Hexachlorobutadiene	10.998	225	351408	37.53	ng		98
35) Caprolactam	11.646	113	173484m	41.08	ng		
36) 4-Chloro-3-methylphenol	11.969	107	553697	39.68	ng		97
37) 2-Methylnaphthalene	12.328	142	1236591	39.52	ng		96
38) 1-Methylnaphthalene	12.545	142	1139454	37.27	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	651907	38.67	ng		99
41) Hexachlorocyclopentadiene	12.669	237	639464	68.45	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	444966	38.69	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	486794	39.30	ng		98
46) 1,1'-Biphenyl	13.334	154	1501667	36.68	ng		100
47) 2-Chloronaphthalene	13.381	162	1207331	38.07	ng		97
48) 2-Nitroaniline	13.587	65	333827	43.17	ng		97
49) Acenaphthylene	14.222	152	1904859	38.99	ng		100
50) Dimethylphthalate	13.963	163	1511592	38.18	ng		100
51) 2,6-Dinitrotoluene	14.087	165	336093	41.56	ng		92
52) Acenaphthene	14.563	154	1132030	38.25	ng		99
53) 3-Nitroaniline	14.416	138	298384	34.12	ng		99
54) 2,4-Dinitrophenol	14.628	184	397465	85.32	ng		93
55) Dibenzofuran	14.898	168	1823160	36.92	ng		96
56) 4-Nitrophenol	14.739	139	596092	83.97	ng	#	83
57) 2,4-Dinitrotoluene	14.875	165	464494	43.53	ng		95
58) Fluorene	15.551	166	1471074	38.56	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	410092	37.70	ng		96
60) Diethylphthalate	15.328	149	1499321	39.08	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	751214	37.27	ng		91
62) 4-Nitroaniline	15.581	138	359076	40.83	ng	#	84
63) Azobenzene	15.839	77	1304981	39.26	ng		95
65) 4,6-Dinitro-2-methylph...	15.639	198	255071	37.70	ng		97
66) n-Nitrosodiphenylamine	15.763	169	1299580	38.74	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	464047	37.55	ng		95
68) Hexachlorobenzene	16.557	284	523644	38.34	ng		98
69) Atrazine	16.722	200	474372	40.12	ng		98
70) Pentachlorophenol	16.910	266	632001	74.52	ng		99
71) Phenanthrene	17.298	178	2336471	38.65	ng		99
72) Anthracene	17.386	178	2366661	40.02	ng		99
73) Carbazole	17.663	167	2180865	37.63	ng		99
74) Di-n-butylphthalate	18.210	149	2586489	40.27	ng		99
75) Fluoranthene	19.263	202	2759526	39.62	ng		97
77) Benzidine	19.445	184	1370890	39.64	ng		99
78) Pyrene	19.616	202	2853708	38.65	ng		99
80) Butylbenzylphthalate	20.486	149	1175211	39.75	ng		97
81) Benzo(a)anthracene	21.327	228	2753877	37.70	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	1024705	40.85	ng		97
83) Chrysene	21.374	228	2670335	38.25	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	1701382	40.02	ng		98
85) Di-n-octyl phthalate	22.168	149	2965337	40.97	ng		99
87) Indeno(1,2,3-cd)pyrene	26.262	276	3280134	41.97	ng	#	95
88) Benzo(b)fluoranthene	23.010	252	2856814m	43.96	ng		
89) Benzo(k)fluoranthene	23.063	252	2785396	42.33	ng		98
90) Benzo(a)pyrene	23.639	252	2776216	50.28	ng	#	98
91) Dibenzo(a,h)anthracene	26.280	278	2822012	43.09	ng	#	96
92) Benzo(g,h,i)perylene	27.039	276	2722418	42.60	ng	#	95

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

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