Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013124\
Data File : BP019500.D
Acq On : 31 Jan 2024 21:37
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP013124

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 00:53:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	97758	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	366321	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	217393	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	411315	20.000	ng		0.00
76) Chrysene-d12	21.392	240	393899	20.000	ng		0.00
86) Perylene-d12	23.816	264	517982	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	453675	74.806	ng		0.00
7) Phenol-d6	7.087	99	628073	76.806	ng		0.00
23) Nitrobenzene-d5	9.087	82	658728	77.920	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	233016	73.412	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1363646	77.545	ng		0.00
79) Terphenyl-d14	19.869	244	1732647	72.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	85766	36.706	ng		99
3) Pyridine	3.781	79	238503m	37.649	ng		
4) n-Nitrosodimethylamine	3.705	42	107228	38.879	ng		97
6) Aniline	7.246	93	302783	38.106	ng		99
8) 2-Chlorophenol	7.475	128	237116	38.082	ng		99
9) Benzaldehyde	7.063	77	186778	32.578	ng		99
10) Phenol	7.111	94	311980	38.279	ng		98
11) bis(2-Chloroethyl)ether	7.352	93	240814	37.978	ng		100
12) 1,3-Dichlorobenzene	7.799	146	285593	37.485	ng		98
13) 1,4-Dichlorobenzene	7.952	146	293187	37.983	ng		98
14) 1,2-Dichlorobenzene	8.263	146	276823	37.066	ng		99
15) Benzyl Alcohol	8.158	79	250918	38.403	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	240464	37.923	ng		100
17) 2-Methylphenol	8.357	107	210091	38.288	ng		99
18) Hexachloroethane	8.987	117	111706	37.336	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	207451	37.141	ng		99
20) 3+4-Methylphenols	8.693	107	289162	38.614	ng		99
22) Acetophenone	8.746	105	402609	38.579	ng	#	99
24) Nitrobenzene	9.128	77	332465	39.059	ng		99
25) Isophorone	9.652	82	552835	37.549	ng		100
26) 2-Nitrophenol	9.834	139	133409	41.106	ng		97
27) 2,4-Dimethylphenol	9.893	122	160551	38.687	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	316986	38.053	ng		99
29) 2,4-Dichlorophenol	10.363	162	241373	38.476	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	293241	38.123	ng		98
31) Naphthalene	10.763	128	768143	38.233	ng		99
32) Benzoic acid	10.034	122	160155	39.609	ng		97
33) 4-Chloroaniline	10.881	127	278945	37.543	ng		99
34) Hexachlorobutadiene	11.040	225	221396	38.841	ng		99
35) Caprolactam	11.669	113	62093	34.963	ng		99
36) 4-Chloro-3-methylphenol	12.004	107	256278	37.466	ng		97
37) 2-Methylnaphthalene	12.375	142	521700	37.522	ng		98
38) 1-Methylnaphthalene	12.593	142	510669	37.374	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	331327	39.519	ng		99
41) Hexachlorocyclopentadiene	12.710	237	155920	41.167	ng		95
43) 2,4,6-Trichlorophenol	12.981	196	200029	39.401	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	218967	39.279	ng	99
46) 1,1'-Biphenyl	13.387	154	669062	38.561	ng	100
47) 2-Chloronaphthalene	13.428	162	552970	38.824	ng	98
48) 2-Nitroaniline	13.634	65	154492	38.791	ng	99
49) Acenaphthylene	14.269	152	761625	38.115	ng	99
50) Dimethylphthalate	14.022	163	606672	36.454	ng	99
51) 2,6-Dinitrotoluene	14.140	165	137200	37.524	ng	97
52) Acenaphthene	14.610	154	472304	38.082	ng	98
53) 3-Nitroaniline	14.463	138	125882	37.462	ng	96
54) 2,4-Dinitrophenol	14.669	184	71185	37.497	ng	97
55) Dibenzofuran	14.945	168	752617	37.259	ng	99
56) 4-Nitrophenol	14.763	139	101884	36.993	ng	99
57) 2,4-Dinitrotoluene	14.922	165	180494	37.670	ng	96
58) Fluorene	15.598	166	591546	36.769	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	175787	37.489	ng	99
60) Diethylphthalate	15.387	149	581037	35.101	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	329824	36.475	ng	99
62) 4-Nitroaniline	15.628	138	125077	35.512	ng	99
63) Azobenzene	15.892	77	575286	35.940	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	97338	41.503	ng	97
66) n-Nitrosodiphenylamine	15.816	169	482503	39.169	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	202308	39.345	ng	98
68) Hexachlorobenzene	16.592	284	230027	38.308	ng	100
69) Atrazine	16.775	200	154655	37.834	ng	98
70) Pentachlorophenol	16.945	266	149903	40.088	ng	98
71) Phenanthrene	17.345	178	824384	38.085	ng	99
72) Anthracene	17.433	178	819226	37.939	ng	99
73) Carbazole	17.710	167	736130	37.526	ng	99
74) Di-n-butylphthalate	18.275	149	866016	36.512	ng	100
75) Fluoranthene	19.310	202	982796	37.167	ng	100
77) Benzidine	19.498	184	280861	34.105	ng	98
78) Pyrene	19.663	202	1021122	36.731	ng	99
80) Butylbenzylphthalate	20.557	149	382100	36.805	ng	99
81) Benzo(a)anthracene	21.380	228	1058229	38.165	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	390145	38.613	ng	99
83) Chrysene	21.433	228	1013157	38.487	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	576823	36.488	ng	99
85) Di-n-octyl phthalate	22.274	149	1045615	37.593	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1515134	38.213	ng	100
88) Benzo(b)fluoranthene	23.080	252	1229430	37.659	ng	99
89) Benzo(k)fluoranthene	23.127	252	1150553	36.895	ng	99
90) Benzo(a)pyrene	23.710	252	1104491	38.024	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1243850	38.143	ng	98
92) Benzo(g,h,i)perylene	27.121	276	1262375	38.158	ng	100

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

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