Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013599.D
Acq On : 26 Jan 2023 16:19
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 02:41:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:35:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	233976	20.000	ng		0.00
21) Naphthalene-d8	10.993	136	850824	20.000	ng		0.00
39) Acenaphthene-d10	14.798	164	550685	20.000	ng		0.00
64) Phenanthrene-d10	17.551	188	1233285	20.000	ng		0.00
76) Chrysene-d12	21.633	240	898108	20.000	ng		0.00
86) Perylene-d12	24.227	264	1060471	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1865554	142.878	ng		0.00
7) Phenol-d6	7.311	99	2496178	141.519	ng		0.01
23) Nitrobenzene-d5	9.340	82	2444329	157.859	ng		0.00
42) 2,4,6-Tribromophenol	16.292	330	1306285	155.805	ng		0.01
45) 2-Fluorobiphenyl	13.428	172	5504698	142.766	ng		0.00
79) Terphenyl-d14	20.086	244	7621002	149.740	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	424996	73.825	ng		99
3) Pyridine	3.946	79	1240522m	77.197	ng		
4) n-Nitrosodimethylamine	3.852	42	489365	77.206	ng		98
6) Aniline	7.481	93	1721526	73.644	ng		99
8) 2-Chlorophenol	7.722	128	999648	72.122	ng		99
10) Phenol	7.340	94	1329965	71.982	ng		99
11) bis(2-Chloroethyl)ether	7.575	93	1092658	71.412	ng		99
12) 1,3-Dichlorobenzene	8.046	146	1150094	71.883	ng		99
13) 1,4-Dichlorobenzene	8.193	146	1161800	71.609	ng		99
14) 1,2-Dichlorobenzene	8.516	146	1073122	70.254	ng		98
15) Benzyl Alcohol	8.399	79	1030782	75.260	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	1219561	70.731	ng		99
17) 2-Methylphenol	8.599	107	949532	71.219	ng		99
18) Hexachloroethane	9.257	117	422981	72.772	ng		94
19) n-Nitroso-di-n-propyla...	8.981	70	806837	70.388	ng		98
20) 3+4-Methylphenols	8.940	107	1304067	71.375	ng		96
22) Acetophenone	8.993	105	1520427	70.797	ng	#	99
24) Nitrobenzene	9.381	77	1273884	78.608	ng		99
25) Isophorone	9.916	82	2509390	73.984	ng		99
26) 2-Nitrophenol	10.093	139	582877	83.729	ng		98
27) 2,4-Dimethylphenol	10.146	122	955192	74.123	ng		98
28) bis(2-Chloroethoxy)met...	10.387	93	1411454	73.140	ng		99
29) 2,4-Dichlorophenol	10.628	162	1111672	76.657	ng		99
30) 1,2,4-Trichlorobenzene	10.852	180	1228631	76.416	ng		99
31) Naphthalene	11.040	128	3157447	73.031	ng		99
32) Benzoic acid	10.340	122	811222	86.354	ng		98
33) 4-Chloroaniline	11.146	127	1410115	75.129	ng		99
34) Hexachlorobutadiene	11.322	225	838400	77.555	ng		98
35) Caprolactam	11.969	113	334430	81.056	ng		97
36) 4-Chloro-3-methylphenol	12.257	107	1131928	73.628	ng		99
37) 2-Methylnaphthalene	12.634	142	2358129	71.368	ng		98
38) 1-Methylnaphthalene	12.851	142	2186129	70.690	ng		98
40) 1,2,4,5-Tetrachloroben...	12.998	216	1509108	78.660	ng		100
41) Hexachlorocyclopentadiene	12.975	237	894613	90.255	ng		98
43) 2,4,6-Trichlorophenol	13.234	196	1014990	79.067	ng		99
44) 2,4,5-Trichlorophenol	13.304	196	1176317	78.356	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.634	154	2999491	73.094	ng	98
47)	2-Chloronaphthalene	13.681	162	2319383	74.063	ng	99
48)	2-Nitroaniline	13.881	65	626046	96.102	ng	98
49)	Acenaphthylene	14.522	152	3785093	73.278	ng	100
50)	Dimethylphthalate	14.257	163	3142259	73.462	ng	100
51)	2,6-Dinitrotoluene	14.369	165	680535	85.287	ng	100
52)	Acenaphthene	14.863	154	2465589m	75.343	ng	
53)	3-Nitroaniline	14.704	138	667705	84.112	ng	99
54)	2,4-Dinitrophenol	14.898	184	458107	87.158	ng	96
55)	Dibenzofuran	15.198	168	3751263	72.450	ng	99
56)	4-Nitrophenol	14.998	139	559559	80.252	ng	96
57)	2,4-Dinitrotoluene	15.157	165	908088	85.823	ng	97
58)	Fluorene	15.845	166	2733512	69.038	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.416	232	989179	76.059	ng	99
60)	Diethylphthalate	15.610	149	3007495	76.992	ng	100
61)	4-Chlorophenyl-phenyle...	15.834	204	1606694	71.861	ng	98
62)	4-Nitroaniline	15.869	138	628841	82.375	ng	97
63)	Azobenzene	16.128	77	2847383	71.539	ng	99
65)	4,6-Dinitro-2-methylph...	15.922	198	579510	87.390	ng	97
66)	n-Nitrosodiphenylamine	16.051	169	2557975	75.281	ng	98
67)	4-Bromophenyl-phenylether	16.734	248	1122455	78.961	ng	98
68)	Hexachlorobenzene	16.851	284	1229744	79.143	ng	97
69)	Atrazine	17.004	200	830813	79.986	ng	100
70)	Pentachlorophenol	17.192	266	953723	78.980	ng	98
71)	Phenanthrene	17.598	178	4581072	72.426	ng	99
72)	Anthracene	17.686	178	4603435	72.027	ng	99
73)	Carbazole	17.951	167	3938010	69.146	ng	100
74)	Di-n-butylphthalate	18.486	149	4238269	93.246	ng	99
75)	Fluoranthene	19.545	202	5317060	67.397	ng	98
77)	Benzidine	19.716	184	928567	98.615	ng	100
78)	Pyrene	19.898	202	5323082	76.584	ng	100
80)	Butylbenzylphthalate	20.757	149	821243	101.523	ng	97
81)	Benzo(a)anthracene	21.616	228	4845434	76.616	ng	100
82)	3,3'-Dichlorobenzidine	21.545	252	1371059	96.025	ng	99
83)	Chrysene	21.674	228	4563431	76.795	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.522	149	1361348	111.591	ng	99
85)	Di-n-octyl phthalate	22.516	149	2528656	110.936	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.986	276	6568729	88.106	ng	98
88)	Benzo(b)fluoranthene	23.433	252	4950486	72.712	ng	99
89)	Benzo(k)fluoranthene	23.486	252	4985797	73.586	ng	99
90)	Benzo(a)pyrene	24.116	252	4959380	77.392	ng	99
91)	Dibenzo(a,h)anthracene	27.009	278	5393765	86.945	ng	98
92)	Benzo(g,h,i)perylene	27.833	276	5466927	89.500	ng	99

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

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