Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019444.D
Acq On : 26 Jan 2024 11:27
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 26 23:28:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 23:25:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	71079	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	300974	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	225548	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	536517	20.000	ng		0.00
76) Chrysene-d12	21.410	240	570845	20.000	ng		0.00
86) Perylene-d12	23.839	264	666845	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	45474	10.065	ng		0.00
7) Phenol-d6	7.087	99	64782	9.707	ng		0.00
23) Nitrobenzene-d5	9.093	82	57307	8.575	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	25039	8.572	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	169258	9.946	ng		0.00
79) Terphenyl-d14	19.880	244	333064	9.566	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	9356	5.249	ng	#	89
3) Pyridine	3.799	79	24810	4.694	ng		96
4) n-Nitrosodimethylamine	3.722	42	10904	4.452	ng	#	92
6) Aniline	7.251	93	33513	4.941	ng		97
8) 2-Chlorophenol	7.481	128	23647	4.982	ng		96
10) Phenol	7.110	94	32588	4.881	ng		95
11) bis(2-Chloroethyl)ether	7.357	93	26140	4.948	ng		95
12) 1,3-Dichlorobenzene	7.810	146	29676	5.237	ng		96
13) 1,4-Dichlorobenzene	7.957	146	29249	5.110	ng		99
14) 1,2-Dichlorobenzene	8.275	146	28450	5.112	ng		95
15) Benzyl Alcohol	8.169	79	26946	4.728	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	37738m	5.131	ng		
17) 2-Methylphenol	8.369	107	21843	4.770	ng		98
18) Hexachloroethane	8.998	117	11457	5.002	ng		94
19) n-Nitroso-di-n-propyla...	8.740	70	25205	4.889	ng		99
20) 3+4-Methylphenols	8.698	107	29305	4.628	ng		97
22) Acetophenone	8.751	105	46346	5.095	ng		99
24) Nitrobenzene	9.134	77	31553	4.510	ng	#	91
25) Isophorone	9.657	82	72763	5.070	ng		99
26) 2-Nitrophenol	9.845	139	7569	6.184	ng		95
27) 2,4-Dimethylphenol	9.898	122	17417	4.855	ng		93
28) bis(2-Chloroethoxy)met...	10.151	93	39524	5.133	ng		98
29) 2,4-Dichlorophenol	10.369	162	22604	4.608	ng		93
30) 1,2,4-Trichlorobenzene	10.587	180	29240	5.020	ng		98
31) Naphthalene	10.775	128	87756	5.195	ng		99
33) 4-Chloroaniline	10.892	127	34325	5.026	ng		95
34) Hexachlorobutadiene	11.051	225	20437	5.001	ng		94
35) Caprolactam	11.645	113	9674	4.998	ng		90
36) 4-Chloro-3-methylphenol	12.004	107	31231	4.756	ng		95
37) 2-Methylnaphthalene	12.381	142	61982	5.083	ng		99
38) 1-Methylnaphthalene	12.604	142	63236	5.230	ng		94
40) 1,2,4,5-Tetrachloroben...	12.745	216	35138	4.781	ng		99
41) Hexachlorocyclopentadiene	12.722	237	14153	4.527	ng		93
43) 2,4,6-Trichlorophenol	12.986	196	19632	4.298	ng		97
44) 2,4,5-Trichlorophenol	13.057	196	21491	4.203	ng		95
46) 1,1'-Biphenyl	13.398	154	85365	4.949	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.433	162	68109	4.891	ng		96
48) 2-Nitroaniline	13.639	65	14217	6.852	ng		94
49) Acenaphthylene	14.275	152	104474	4.945	ng		99
50) Dimethylphthalate	14.028	163	93546	5.017	ng	#	97
51) 2,6-Dinitrotoluene	14.145	165	12762	5.974	ng		98
52) Acenaphthene	14.622	154	65219	4.983	ng		98
53) 3-Nitroaniline	14.469	138	13169	3.714	ng	#	87
55) Dibenzofuran	14.957	168	108004	5.055	ng		99
57) 2,4-Dinitrotoluene	14.928	165	16321	6.428	ng		93
58) Fluorene	15.604	166	89734	5.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	19067	4.252	ng		99
60) Diethylphthalate	15.392	149	100082	5.027	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	47836	5.045	ng		99
62) 4-Nitroaniline	15.627	138	15717	3.974	ng		94
63) Azobenzene	15.904	77	101784	5.074	ng		98
66) n-Nitrosodiphenylamine	15.822	169	77833	4.981	ng		96
67) 4-Bromophenyl-phenylether	16.510	248	29521	4.894	ng		97
68) Hexachlorobenzene	16.604	284	34022	4.954	ng		97
69) Atrazine	16.786	200	31447	5.363	ng		96
70) Pentachlorophenol	16.951	266	16579	3.948	ng		96
71) Phenanthrene	17.357	178	143179	5.013	ng		99
72) Anthracene	17.445	178	142560	4.981	ng		98
73) Carbazole	17.721	167	138205	4.991	ng		99
74) Di-n-butylphthalate	18.292	149	173626	4.919	ng		99
75) Fluoranthene	19.321	202	186949	5.036	ng		96
77) Benzidine	19.510	184	53146	5.605	ng		99
78) Pyrene	19.674	202	199644	4.838	ng		99
80) Butylbenzylphthalate	20.574	149	74768	4.457	ng		99
81) Benzo(a)anthracene	21.392	228	205658	5.023	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	69253	4.997	ng		99
83) Chrysene	21.445	228	191159	4.973	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	125224	4.825	ng		100
85) Di-n-octyl phthalate	22.298	149	205138	4.703	ng		99
87) Indeno(1,2,3-cd)pyrene	26.368	276	233455	5.342	ng		98
88) Benzo(b)fluoranthene	23.098	252	215073	4.819	ng		99
89) Benzo(k)fluoranthene	23.145	252	198546	4.678	ng		99
90) Benzo(a)pyrene	23.727	252	183476	4.808	ng		98
91) Dibenzo(a,h)anthracene	26.409	278	195446	5.370	ng		99
92) Benzo(g,h,i)perylene	27.145	276	191215	5.464	ng		99

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

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