Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019719.D
Acq On : 15 Feb 2024 12:57
Operator : MA/JU
Sample : P1414-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 15 13:23:21 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

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	70435	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	266225	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	185666	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	443644	20.000	ng		0.00
76) Chrysene-d12	21.392	240	421068	20.000	ng		0.00
86) Perylene-d12	23.815	264	486711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	463858	106.155	ng		0.00
7) Phenol-d6	7.081	99	627841	106.561	ng		0.00
23) Nitrobenzene-d5	9.075	82	422798	68.816	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	399124	147.232	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1044227	69.528	ng		-0.01
79) Terphenyl-d14	19.863	244	1957537	76.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	45724	27.160	ng		99
3) Pyridine	3.787	79	129362	28.342	ng		98
4) n-Nitrosodimethylamine	3.705	42	72371	36.419	ng		98
6) Aniline	7.240	93	225172	39.332	ng		98
8) 2-Chlorophenol	7.469	128	183201	40.837	ng		97
9) Benzaldehyde	7.052	77	49413m	11.962	ng		
10) Phenol	7.105	94	238801	40.666	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	168754	36.938	ng		99
12) 1,3-Dichlorobenzene	7.793	146	197687	36.013	ng		100
13) 1,4-Dichlorobenzene	7.940	146	206224	37.081	ng		98
14) 1,2-Dichlorobenzene	8.252	146	196576	36.531	ng		98
15) Benzyl Alcohol	8.152	79	190808m	40.532	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	167068	36.569	ng		99
17) 2-Methylphenol	8.357	107	160271	40.539	ng		99
18) Hexachloroethane	8.969	117	77009	35.724	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	151358	37.610	ng		97
20) 3+4-Methylphenols	8.687	107	218735	40.540	ng		96
22) Acetophenone	8.740	105	294087	38.776	ng	#	98
24) Nitrobenzene	9.116	77	223121	36.069	ng		99
25) Isophorone	9.646	82	418638	39.125	ng		99
26) 2-Nitrophenol	9.822	139	105184	44.595	ng		98
27) 2,4-Dimethylphenol	9.887	122	142507	47.250	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	235429	38.888	ng		97
29) 2,4-Dichlorophenol	10.357	162	200653	44.011	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	216159	38.668	ng		100
31) Naphthalene	10.757	128	557494	38.181	ng		100
32) Benzoic acid	10.040	122	148471	50.525	ng		97
33) 4-Chloroaniline	10.875	127	190588	35.296	ng		99
34) Hexachlorobutadiene	11.028	225	158885	38.355	ng		97
35) Caprolactam	11.687	113	66340	51.399	ng		99
36) 4-Chloro-3-methylphenol	11.998	107	225870	45.435	ng		97
37) 2-Methylnaphthalene	12.369	142	405846	40.164	ng		97
38) 1-Methylnaphthalene	12.587	142	388773	39.151	ng		98
40) 1,2,4,5-Tetrachloroben...	12.728	216	286000	39.941	ng		99
41) Hexachlorocyclopentadiene	12.698	237	292789	90.514	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	191367	44.136	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	209889	44.084	ng	98
46) 1,1'-Biphenyl	13.381	154	571484	38.565	ng	98
47) 2-Chloronaphthalene	13.422	162	459318	37.759	ng	98
48) 2-Nitroaniline	13.634	65	148256	43.587	ng	97
49) Acenaphthylene	14.263	152	741315	43.438	ng	99
50) Dimethylphthalate	14.010	163	618695	43.529	ng	99
51) 2,6-Dinitrotoluene	14.134	165	134101	42.943	ng	94
52) Acenaphthene	14.604	154	420199	39.671	ng	99
53) 3-Nitroaniline	14.463	138	115915	40.391	ng	98
54) 2,4-Dinitrophenol	14.675	184	182945	112.834	ng	98
55) Dibenzofuran	14.939	168	717743	41.605	ng	99
56) 4-Nitrophenol	14.775	139	234316	99.615	ng	95
57) 2,4-Dinitrotoluene	14.922	165	196673	48.061	ng	97
58) Fluorene	15.592	166	594760	43.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	206063	51.455	ng	94
60) Diethylphthalate	15.375	149	619586	43.826	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	332938	43.111	ng	94
62) 4-Nitroaniline	15.628	138	135307	44.981	ng	99
63) Azobenzene	15.886	77	562639	41.156	ng	97
65) 4,6-Dinitro-2-methylph...	15.686	198	124581	49.248	ng	94
66) n-Nitrosodiphenylamine	15.810	169	523401	39.393	ng	100
67) 4-Bromophenyl-phenylether	16.486	248	224054	40.399	ng	97
68) Hexachlorobenzene	16.592	284	263833	40.736	ng	94
69) Atrazine	16.775	200	223091	50.599	ng	96
70) Pentachlorophenol	16.945	266	374656	92.892	ng	99
71) Phenanthrene	17.339	178	976078	41.806	ng	99
72) Anthracene	17.433	178	981505	42.142	ng	100
73) Carbazole	17.710	167	877051	41.452	ng	99
74) Di-n-butylphthalate	18.269	149	1052517	41.141	ng	99
75) Fluoranthene	19.310	202	1216538	42.654	ng	99
77) Benzidine	19.498	184	525154	59.655	ng	99
78) Pyrene	19.663	202	1240207	41.734	ng	100
80) Butylbenzylphthalate	20.551	149	466844	42.067	ng	97
81) Benzo(a)anthracene	21.374	228	1241000	41.869	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	452123	41.860	ng	99
83) Chrysene	21.427	228	1144293	40.663	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	661074	39.119	ng	99
85) Di-n-octyl phthalate	22.257	149	1121001	37.703	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1472547	39.525	ng	98
88) Benzo(b)fluoranthene	23.074	252	1213828	39.570	ng	99
89) Benzo(k)fluoranthene	23.127	252	1214663	41.453	ng	98
90) Benzo(a)pyrene	23.710	252	1131488	41.456	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1219456	39.798	ng	97
92) Benzo(g,h,i)perylene	27.133	276	1150739	37.018	ng	98

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

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