Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
Data File : BM044733.D
Acq On : 22 Mar 2024 14:07
Operator : MA/JU
Sample : PB159652BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 15:03:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB159652BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	197613	20.000	ng		-0.02
21) Naphthalene-d8	10.469	136	743856	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	379651	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	718200	20.000	ng		-0.02
76) Chrysene-d12	21.286	240	622754	20.000	ng		-0.02
86) Perylene-d12	23.527	264	678886	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1275387	92.665	ng		0.00
7) Phenol-d6	6.875	99	1551967	87.648	ng		0.00
23) Nitrobenzene-d5	8.851	82	1392121	90.160	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	410712	98.083	ng		-0.01
45) 2-Fluorobiphenyl	12.951	172	2598823	94.275	ng		-0.02
79) Terphenyl-d14	19.733	244	3304533	92.826	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	219599	37.959	ng		95
3) Pyridine	3.681	79	577266	36.083	ng		95
4) n-Nitrosodimethylamine	3.610	42	306305	47.775	ng		88
6) Aniline	7.034	93	561216	26.761	ng		98
8) 2-Chlorophenol	7.257	128	648184	47.282	ng		99
9) Benzaldehyde	6.851	77	183137m	19.748	ng		
10) Phenol	6.904	94	813064	45.978	ng		98
11) bis(2-Chloroethyl)ether	7.134	93	643987	44.602	ng		99
12) 1,3-Dichlorobenzene	7.575	146	698469	47.384	ng		97
13) 1,4-Dichlorobenzene	7.722	146	704783	47.440	ng		99
14) 1,2-Dichlorobenzene	8.034	146	673420	47.532	ng		98
15) Benzyl Alcohol	7.940	79	531800	45.683	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	914814m	45.699	ng		
17) 2-Methylphenol	8.134	107	518125	42.961	ng		98
18) Hexachloroethane	8.745	117	271849	49.497	ng		98
19) n-Nitroso-di-n-propyla...	8.498	70	429190	39.690	ng		95
20) 3+4-Methylphenols	8.463	107	694277	42.658	ng		98
22) Acetophenone	8.516	105	910207	46.576	ng	#	97
24) Nitrobenzene	8.892	77	697129	45.674	ng		99
25) Isophorone	9.416	82	1251787	46.988	ng		99
26) 2-Nitrophenol	9.592	139	324189	49.223	ng		97
27) 2,4-Dimethylphenol	9.657	122	554971	47.915	ng		100
28) bis(2-Chloroethoxy)met...	9.898	93	791281	44.728	ng		100
29) 2,4-Dichlorophenol	10.122	162	530103	48.021	ng		98
30) 1,2,4-Trichlorobenzene	10.328	180	559605	47.652	ng		99
31) Naphthalene	10.516	128	1840648	45.088	ng		100
32) Benzoic acid	9.810	122	348753	38.504	ng		99
33) 4-Chloroaniline	10.639	127	406199	23.718	ng		99
34) Hexachlorobutadiene	10.786	225	320115	48.889	ng		100
35) Caprolactam	11.451	113	160159m	44.978	ng		
36) 4-Chloro-3-methylphenol	11.769	107	541060	44.667	ng		99
37) 2-Methylnaphthalene	12.133	142	1186967	42.838	ng		98
38) 1-Methylnaphthalene	12.357	142	1100264	42.607	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	537568	49.896	ng		98
41) Hexachlorocyclopentadiene	12.475	237	804204	131.029	ng		100
43) 2,4,6-Trichlorophenol	12.757	196	371404	51.053	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	395647	45.899	ng	97
46) 1,1'-Biphenyl	13.163	154	1419246	47.797	ng	100
47) 2-Chloronaphthalene	13.204	162	1094752	49.859	ng	100
48) 2-Nitroaniline	13.422	65	365392	49.045	ng	98
49) Acenaphthylene	14.051	152	1720903	48.112	ng	99
50) Dimethylphthalate	13.810	163	1302056	45.852	ng	100
51) 2,6-Dinitrotoluene	13.927	165	278927	47.168	ng	97
52) Acenaphthene	14.398	154	1033203	47.784	ng	100
53) 3-Nitroaniline	14.263	138	225568	32.576	ng	100
54) 2,4-Dinitrophenol	14.469	184	340205	87.485	ng	97
55) Dibenzofuran	14.733	168	1588668	46.294	ng	99
56) 4-Nitrophenol	14.574	139	570741	100.360	ng	96
57) 2,4-Dinitrotoluene	14.721	165	379723	49.144	ng	91
58) Fluorene	15.386	166	1273786	47.665	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	325609	48.653	ng	100
60) Diethylphthalate	15.180	149	1317909	45.846	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	607385	47.344	ng	99
62) 4-Nitroaniline	15.427	138	312767m	45.217	ng	
63) Azobenzene	15.680	77	1389991	46.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.480	198	210139	46.656	ng	98
66) n-Nitrosodiphenylamine	15.610	169	1065024	47.581	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	351824	47.360	ng	98
68) Hexachlorobenzene	16.380	284	402954	51.028	ng	99
69) Atrazine	16.574	200	362542	51.833	ng	98
70) Pentachlorophenol	16.739	266	536043	94.370	ng	99
71) Phenanthrene	17.133	178	1874095	47.219	ng	99
72) Anthracene	17.221	178	1877957	47.177	ng	99
73) Carbazole	17.504	167	1795127	47.882	ng	100
74) Di-n-butylphthalate	18.074	149	2296050	47.529	ng	99
75) Fluoranthene	19.156	202	2047893	46.158	ng	98
77) Benzidine	19.356	184	605318	37.609	ng	99
78) Pyrene	19.515	202	2165821	47.451	ng	100
80) Butylbenzylphthalate	20.439	149	992601	48.254	ng	97
81) Benzo(a)anthracene	21.274	228	2042769	47.143	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	580042	38.868	ng	98
83) Chrysene	21.327	228	1897426	45.825	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1496212	48.280	ng	100
85) Di-n-octyl phthalate	22.109	149	2571926	47.845	ng	99
87) Indeno(1,2,3-cd)pyrene	25.797	276	2419333	49.296	ng	99
88) Benzo(b)fluoranthene	22.856	252	2080336	52.144	ng	99
89) Benzo(k)fluoranthene	22.903	252	2035180	49.621	ng	100
90) Benzo(a)pyrene	23.433	252	1817278	46.701	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	2050256	49.554	ng	98
92) Benzo(g,h,i)perylene	26.485	276	1977704	48.558	ng	98

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

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