Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137665.D
Acq On : 21 Mar 2024 17:26
Operator : CG\JU
Sample : P1803-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 21 17:51:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
03/22/2024
Supervised By :mohammad ahmed
03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	135306	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	522520	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278590	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	431038	20.000	ng	0.00
76) Chrysene-d12	13.880	240	274642	20.000	ng	0.00
86) Perylene-d12	15.298	264	293003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1149874	128.710	ng	0.02
7) Phenol-d6	6.369	99	1413755	109.630	ng	0.00
23) Nitrobenzene-d5	7.292	82	1020864	90.778	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	361747	147.863	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1678980	94.340	ng	0.00
79) Terphenyl-d14	12.827	244	1521942	76.202	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	196005	40.125	ng	# 82
3) Pyridine	3.210	79	313334	26.596	ng	96
4) n-Nitrosodimethylamine	3.140	42	188876	40.245	ng	95
6) Aniline	6.404	93	84948	5.391	ng	# 68
8) 2-Chlorophenol	6.516	128	448920	47.642	ng	97
9) Benzaldehyde	6.287	77	38817	6.144	ng	91
10) Phenol	6.381	94	511703	36.866	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	459157	45.143	ng	98
12) 1,3-Dichlorobenzene	6.669	146	485353	48.203	ng	95
13) 1,4-Dichlorobenzene	6.745	146	486604	47.233	ng	99
14) 1,2-Dichlorobenzene	6.898	146	472360	49.954	ng	97
15) Benzyl Alcohol	6.875	79	367909	45.827	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	688146	39.360	ng	92
17) 2-Methylphenol	6.992	107	352250	39.950	ng	96
18) Hexachloroethane	7.234	117	169115	49.854	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	337506	42.383	ng	97
20) 3+4-Methylphenols	7.145	107	426248	42.210	ng	96
22) Acetophenone	7.140	105	611335	48.355	ng	# 94
24) Nitrobenzene	7.316	77	506142	44.804	ng	93
25) Isophorone	7.551	82	946059	44.281	ng	98
26) 2-Nitrophenol	7.628	139	224631	50.085	ng	97
27) 2,4-Dimethylphenol	7.669	122	314082	37.478	ng	100
28) bis(2-Chloroethoxy)met...	7.763	93	576276	45.972	ng	98
29) 2,4-Dichlorophenol	7.869	162	371763	48.335	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	396070	48.934	ng	99
31) Naphthalene	8.028	128	1301100	46.410	ng	99
32) Benzoic acid	7.810	122	187265	40.009	ng	96
33) 4-Chloroaniline	8.092	127	33412	3.039	ng	96
34) Hexachlorobutadiene	8.145	225	231000	48.342	ng	98
35) Caprolactam	8.451	113	100977m	38.718	ng	
36) 4-Chloro-3-methylphenol	8.575	107	386354	44.939	ng	99
37) 2-Methylnaphthalene	8.722	142	810072	45.326	ng	100
38) 1-Methylnaphthalene	8.822	142	733280	43.568	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	393600	50.607	ng	99
41) Hexachlorocyclopentadiene	8.869	237	298043	92.470	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	249100	49.183	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	270196	46.311	ng	97
46) 1,1'-Biphenyl	9.186	154	1000559	49.070	ng	99
47) 2-Chloronaphthalene	9.210	162	768645	49.443	ng	99
48) 2-Nitroaniline	9.310	65	242764	45.944	ng	95
49) Acenaphthylene	9.622	152	1215378	48.852	ng	99
50) Dimethylphthalate	9.492	163	923519	47.621	ng	99
51) 2,6-Dinitrotoluene	9.551	165	196993	48.565	ng	96
52) Acenaphthene	9.792	154	679232	45.731	ng	98
53) 3-Nitroaniline	9.733	138	19050m	4.440	ng	
54) 2,4-Dinitrophenol	9.833	184	159871	80.724	ng	94
55) Dibenzofuran	9.969	168	1033664	45.693	ng	99
56) 4-Nitrophenol	9.892	139	208879	69.084	ng	96
57) 2,4-Dinitrotoluene	9.957	165	246401	49.444	ng	99
58) Fluorene	10.310	166	784082	45.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	216543	46.283	ng	95
60) Diethylphthalate	10.186	149	850227	46.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	389305	45.722	ng	94
62) 4-Nitroaniline	10.333	138	120528	32.685	ng	99
63) Azobenzene	10.463	77	903162	42.829	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	120824	50.294	ng	89
66) n-Nitrosodiphenylamine	10.422	169	678538	48.886	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	243434	51.852	ng	97
68) Hexachlorobenzene	10.851	284	257077	54.215	ng	95
69) Atrazine	10.951	200	173239	41.057	ng	98
70) Pentachlorophenol	11.051	266	260790	90.978	ng	99
71) Phenanthrene	11.269	178	1102270	46.989	ng	100
72) Anthracene	11.322	178	1115448	46.298	ng	99
73) Carbazole	11.480	167	926338	44.887	ng	99
74) Di-n-butylphthalate	11.810	149	1201148	48.920	ng	100
75) Fluoranthene	12.451	202	986240	43.012	ng	99
77) Benzidine	12.610	184	14588m	2.170	ng	
78) Pyrene	12.680	202	1013402	37.605	ng	99
80) Butylbenzylphthalate	13.304	149	376029	54.637	ng	96
81) Benzo(a)anthracene	13.869	228	886881	46.073	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	46989	9.167	ng	97
83) Chrysene	13.904	228	921472	47.364	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	490986	56.128	ng	98
85) Di-n-octyl phthalate	14.474	149	891622	52.316	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	773466	40.114	ng	97
88) Benzo(b)fluoranthene	14.898	252	925021m	53.370	ng	
89) Benzo(k)fluoranthene	14.921	252	877900	47.157	ng	99
90) Benzo(a)pyrene	15.245	252	829952	48.592	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	638232	40.804	ng	98
92) Benzo(g,h,i)perylene	17.104	276	557377	34.698	ng	96

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

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