Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034601.D
Acq On : 09 Apr 2022 16:21
Operator : CG/JU
Sample : PB143975BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS975

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Quant Time: Apr 11 01:01:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	107494	20.000	ng/ul	0.00
20) Naphthalene-d8	10.683	136	442109	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	268592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	543094	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	549952	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	577705	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	22247	7.380	ng/uL	0.00
4) Pyridine-d5	3.678	84	281415	38.683	ng/ul	0.00
7) Phenol-d5	7.037	99	351757	39.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	244003	40.927	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	289962	41.925	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	289824	41.470	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	140085m	43.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	147760	43.679	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	270371	42.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	328359	37.364	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	840907	43.328	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	1018301	40.822	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	133673m	45.171	ng/ul	0.00
60) Fluorene-d10	15.518	176	716009	42.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	140461	42.365	ng/ul	0.00
73) Anthracene-d10	17.365	188	1100696	42.509	ng/ul	0.00
81) Pyrene-d10	19.659	212	1289147	42.948	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1272585	43.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	38371	12.642	ng/uL#	80
5) Pyridine	3.702	79	265785	33.435	ng/ul#	81
6) Benzaldehyde	7.007	77	215437m	39.277	ng/ul	
8) Phenol	7.066	94	321770	35.600	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	258713	35.468	ng/ul#	86
12) 2-Chlorophenol	7.437	128	260440	36.941	ng/ul#	85
13) 2-Methylphenol	8.325	108	239271	35.810	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.413	45	393703	36.100	ng/ul#	85
16) Acetophenone	8.701	105	388678	35.630	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.689	70	222265	38.279	ng/ul#	84
18) 4-Methylphenol	8.654	108	258246	36.332	ng/ul	99
19) Hexachloroethane	8.966	117	113438	35.773	ng/ul	85
22) Nitrobenzene	9.084	77	318951	37.444	ng/ul	92
23) Isophorone	9.613	82	576625	38.120	ng/ul#	92
25) 2-Nitrophenol	9.795	139	139438	38.483	ng/ul#	87
26) 2,4-Dimethylphenol	9.860	107	292688	36.393	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.095	93	343557	37.750	ng/ul	98
29) 2,4-Dichlorophenol	10.336	162	238717	37.971	ng/ul	96
30) Naphthalene	10.736	128	820075	35.630	ng/ul	99
32) 4-Chloroaniline	10.848	127	286294	32.518	ng/ul	98
33) Hexachlorobutadiene	11.031	225	156061	35.308	ng/ul	98
34) Caprolactam	11.613	113	81142m	39.729	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	261088	40.005	ng/ul	91
36) 2-Methylnaphthalene	12.354	142	547539	37.118	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.572	142	566814	37.453	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.725	216	287724	35.788	ng/ul#	97
40)	Hexachlorocyclopentadiene	12.707	237	174884	33.148	ng/ul	94
41)	2,4,6-Trichlorophenol	12.960	196	190878	39.084	ng/ul	94
42)	2,4,5-Trichlorophenol	13.030	196	207684	41.038	ng/ul	98
43)	1,1'-Biphenyl	13.360	154	738502	36.296	ng/ul#	97
44)	2-Chloronaphthalene	13.401	162	565371	36.194	ng/ul	97
45)	2-Nitroaniline	13.601	65	180184	42.303	ng/ul#	81
47)	Dimethylphthalate	13.983	163	723475	37.880	ng/ul	99
48)	2,6-Dinitrotoluene	14.101	165	151019	41.159	ng/ul	92
50)	Acenaphthylene	14.248	152	942076	37.201	ng/ul	99
51)	3-Nitroaniline	14.430	138	125427	39.099	ng/ul	88
52)	Acenaphthene	14.589	153	619032	36.716	ng/ul	99
53)	2,4-Dinitrophenol	14.636	184	78271	37.852	ng/ul#	78
55)	4-Nitrophenol	14.736	109	102187	40.436	ng/ul#	84
56)	Dibenzofuran	14.924	168	859053	37.489	ng/ul	95
57)	2,4-Dinitrotoluene	14.889	165	214880	42.077	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	15.148	232	176896	39.811	ng/ul#	86
59)	Diethylphthalate	15.348	149	761455	39.251	ng/ul	99
61)	Fluorene	15.571	166	719113	37.195	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.566	204	350913	37.603	ng/ul	95
63)	4-Nitroaniline	15.589	138	128077m	45.342	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.648	198	122802	37.147	ng/ul#	81
67)	N-Nitrosodiphenylamine	15.777	169	615141	38.017	ng/ul	99
68)	4-Bromophenyl-phenylether	16.460	248	212117	37.783	ng/ul	95
69)	Hexachlorobenzene	16.577	284	252346	37.427	ng/ul#	92
70)	Atrazine	16.730	200	225317	37.211	ng/ul	99
71)	Pentachlorophenol	16.918	266	155495	37.664	ng/ul	97
72)	Phenanthrene	17.307	178	1139153	37.590	ng/ul	100
74)	Anthracene	17.401	178	1138172	37.902	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.330	216	303274	35.555	ng/uL	98
76)	Pentachlorobenzene	14.848	250	284813	35.581	ng/uL	98
77)	Carbazole	17.671	167	959717	38.633	ng/ul	99
78)	Di-n-butylphthalate	18.236	149	1295859	41.099	ng/ul	99
80)	Fluoranthene	19.324	202	1324825	39.883	ng/ul#	90
82)	Pyrene	19.689	202	1373749	38.049	ng/ul#	88
83)	Butylbenzylphthalate	20.583	149	592008	41.884	ng/ul#	85
84)	3,3'-Dichlorobenzidine	21.359	252	357344	37.075	ng/ul#	97
85)	Benzo(a)anthracene	21.430	228	1226195	38.345	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.359	149	892628	42.196	ng/ul#	98
87)	Chrysene	21.483	228	1286847	37.320	ng/ul	99
89)	Di-n-octyl phthalate	22.277	149	1517653	39.461	ng/ul	100
90)	Benzo(b)fluoranthene	23.100	252	1337424	38.961	ng/ul#	98
91)	Benzo(k)fluoranthene	23.147	252	1352088	37.507	ng/ul#	97
93)	Benzo(a)pyrene	23.724	252	1316508	38.804	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.306	276	1445675	39.817	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.318	278	1196514	40.198	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.065	276	1317538	37.806	ng/ul#	93

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

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